

EXCAVATIONS AT HARAPPĀ

BEING AN ACCOUNT OF ARCHÆOLOGICAL EXCAVATIONS AT HARAPPĀ CARRIED OUT BETWEEN THE YEARS 1920-21 AND 1933-34

BY

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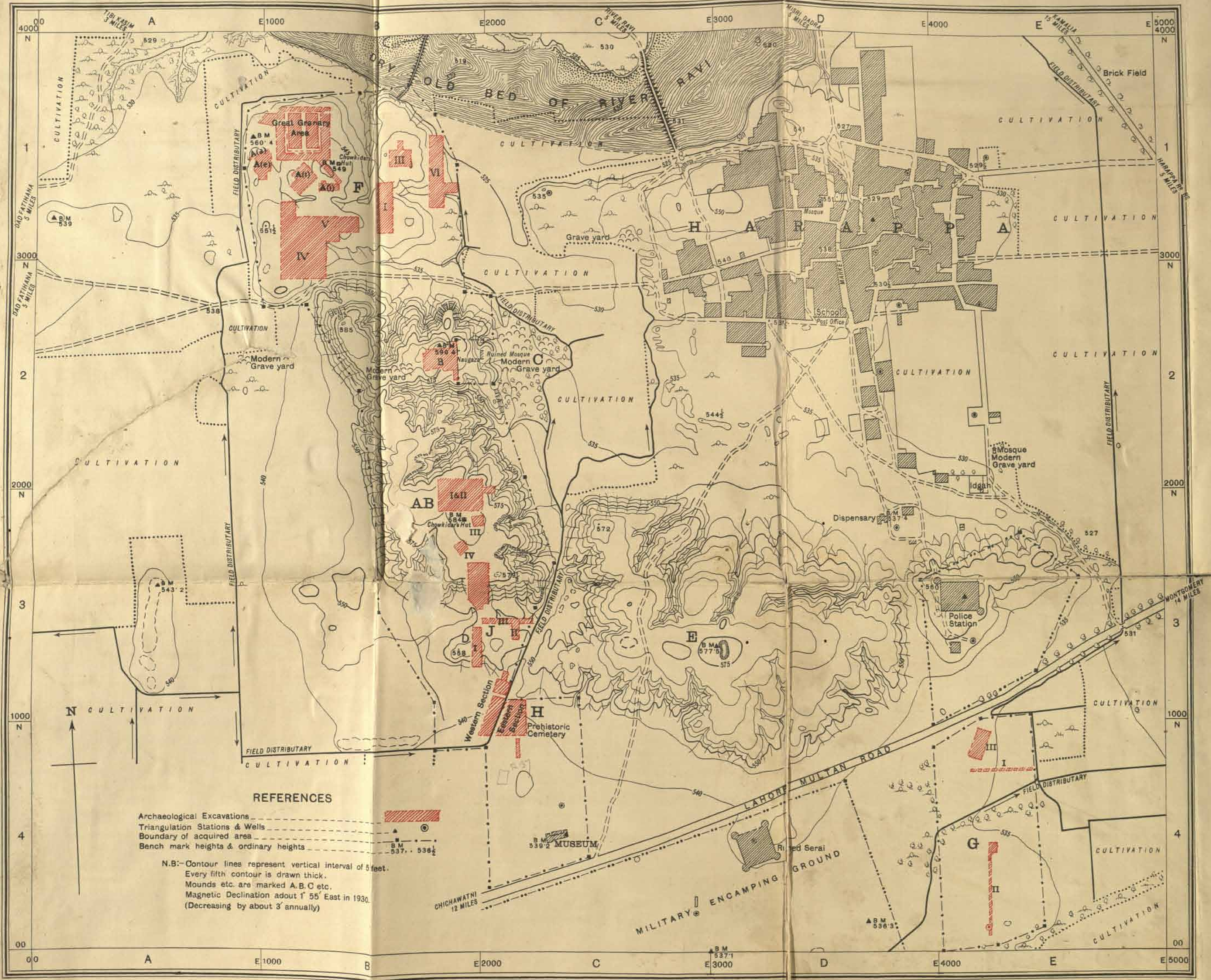
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LIST OF PLATES.

MGIPC—M—III-9-35—28-3-40—350

THE PREHISTORIC SITE OF HARAPPA



SCALE

Yards 100 80 60 40 20 0 100 200 300 Yards

PLATE II.



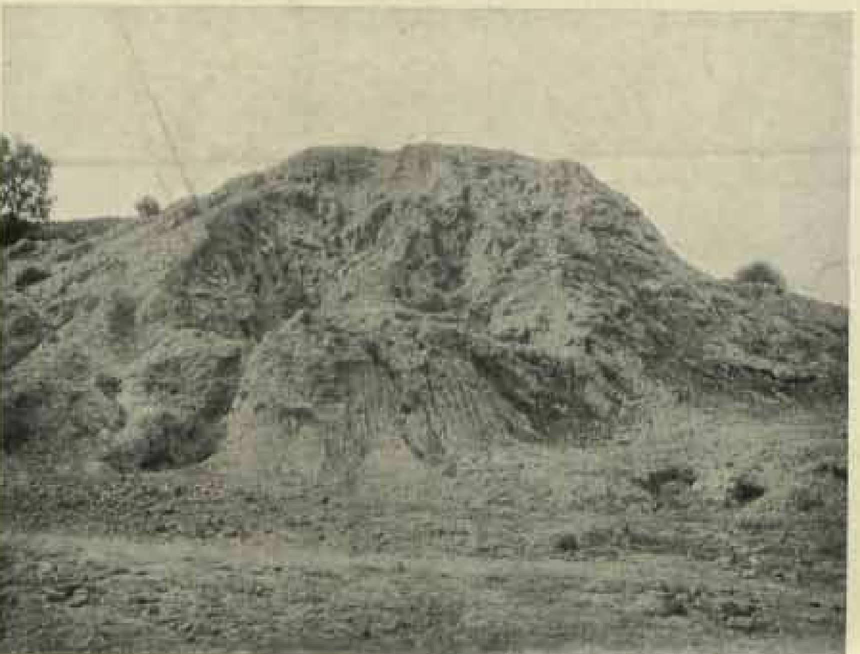
(*a*) PART OF MOUND AB WITH THE TOMB OF NAUGAZA, FROM NORTH-EAST.



(*b*) WEST SIDE OF MOUND AB WITH MOUND F IN THE BACKGROUND, LOOKING NORTH.

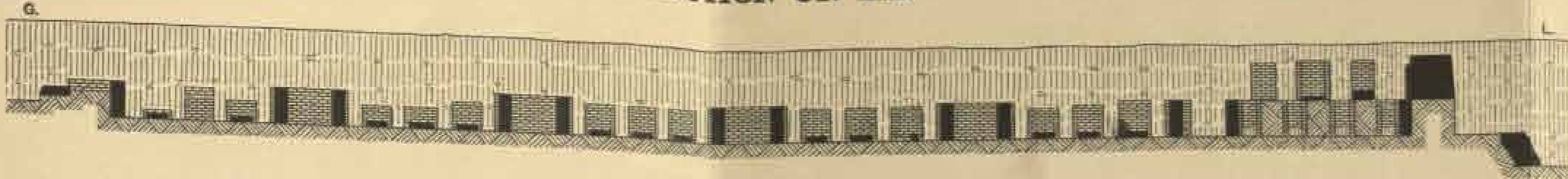


(*c*) ARCHÆOLOGICAL CAMP AND MUSEUM, FROM NORTH-EAST.



(*d*) NORTH-EAST SPUR OF MOUND AB SHOWING MUD BRICK TERRACING.

SECTION ON A.B.



PLAN

EASTERN BLOCK

CENTRAL AISLE

WESTERN BLOCK

HOUSE 1

HOUSE 2

HOUSE 3

HOUSE 4

HARAPPA

MOUND F

PLAN OF THE GREAT GRANARY AREA
AND
SECTION ON A.B.

SCALE

FEET 10 5 0 10 20 30 40 50 FEET

N

REFERENCES

STRATUM I — STRATUM IV
DO II — DO V
DO III — DO VI

ST.=STRATUM



(*a*) THE GREAT GRANARY, PANORAMIC VIEW, LOOKING SOUTH.



(*b*) THE GREAT GRANARY, PANORAMIC VIEW, LOOKING EAST.



(a) THE GREAT GRANARY, FROM SOUTH-WEST.



(b) NARROW TRENCH SHOWING A SECTION OF THE RETAINING WALL TO EAST OF THE GREAT GRANARY, LOOKING SOUTH.



(c) FLIGHT OF STEPS IN THE CENTRAL AISLE ABUTTING AGAINST THE WESTERN BLOCK OF THE GREAT GRANARY.



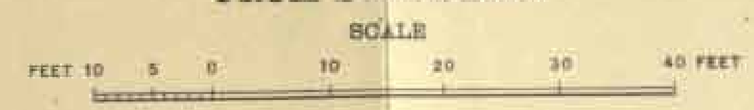
(d) RETAINING WALL OF THE GREAT GRANARY, FROM SOUTH-WEST.

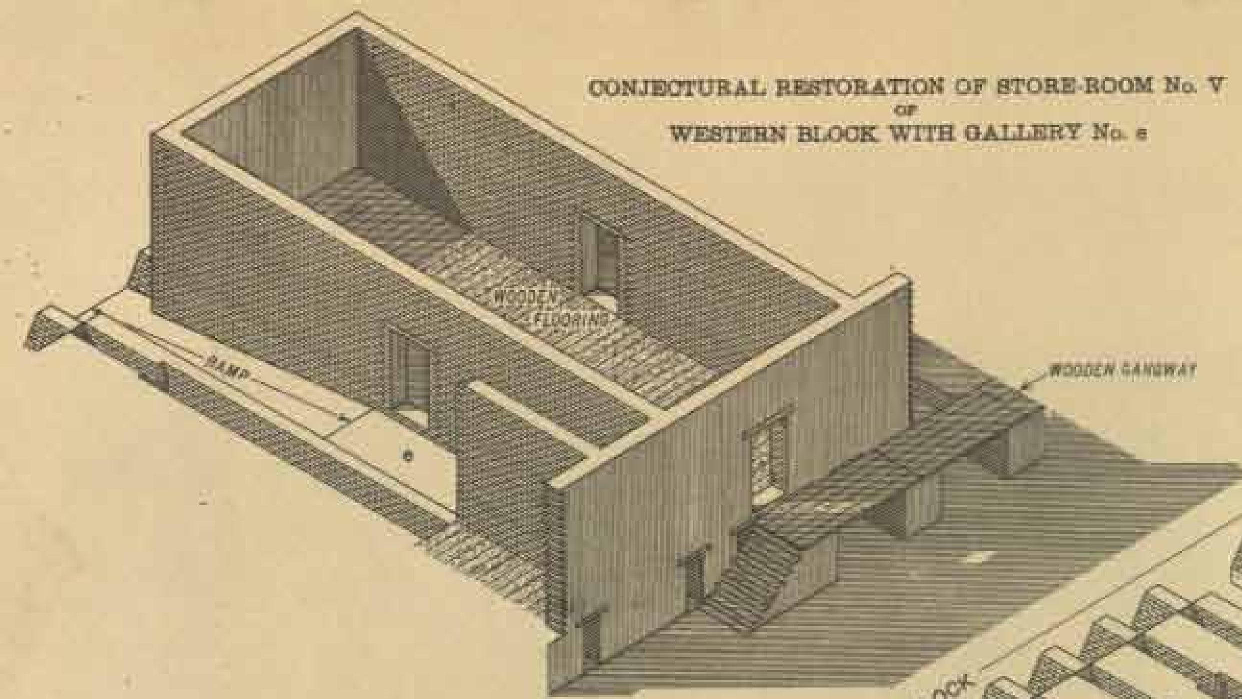
HARAPPA

MOUND F

ISOMETRIC PROJECTION OF THE GREAT GRANARY FROM SOUTH-EAST

SCALE





CONJECTURAL RESTORATION OF STORE-ROOM No. V OF WESTERN BLOCK WITH GALLERY No. e

ADDITIONS WITH AIR HOLES
COMMON FOUNDATION WALL
WESTERN BLOCK
I a II b III c IV d V e VI
ADDITIONS WITH AIR HOLES
PIERS
PIER
CENTRAL AISLE
RETAINING WALL
I a II b III c IV d V e VI
ADDITIONS WITH AIR HOLES
RETAINING WALL
EASTERN BLOCK
ADDITIONS WITH AIR HOLES
RETAINING WALL



(*a*) Extension to west of the Great Granary, looking north.



(*b*) House 1 to west of the Great Granary, from south-west.



(*c*) Extension to east of the Great Granary, from north-west.



(*d*) Extension to west of the Great Granary, showing earthenware jars *in situ* and work in progress, from south-east-south.



(*a*) EARTHENWARE JAR OF STRATUM V FILLED WITH TRIANGULAR TERRACOTTA CAKES.



(*b*) POTTERY GROUP OF STRATUM II *in situ*.



(*c*) EARTHENWARE JAR NO. 3760 *in situ*.



(*d*) POTTERY GROUPS NOS. 7338 TO 7340 AND 7360 *in situ*.



(*e*) A LINE OF SEVEN LONG OVAL VASES *in situ* CONTAINING SMALL CYLINDRICAL VASES.

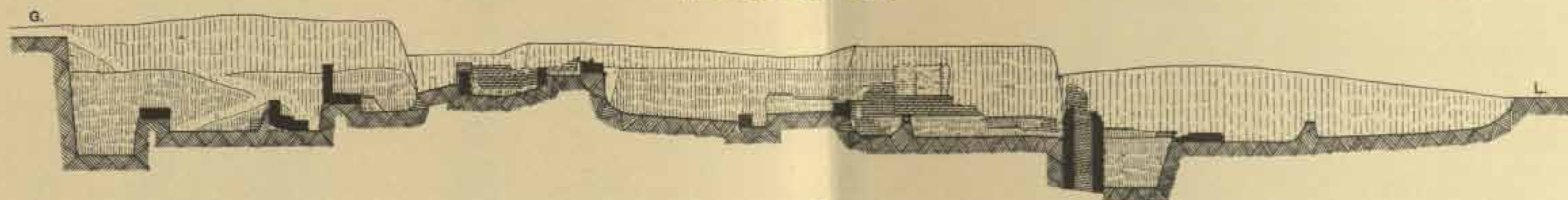
HARAPPA

MOUND F
PLAN AND SECTION OF
TRENCH A (e)

SCALE

FEET 10 5 0 10 20 30 40 FEET

SECTION ON AB



N

PLAN

G10/25 G10/24 G10/23 G10/22 G10/21 G9/25 G9/24 G9/23

H10/5 H10/4 H10/3 H10/2 H10/1 H9/5 H9/4 H9/3

DRAIN DRAIN SINK DRAIN

PAVING ST. I DRAIN PAVING ST. III

A H10/10 H10/9 H10/8 H10/7 H10/6 DRAIN H9/10 WELL H9/9 H9/8 B

POT

H10/15 H10/14 H10/13 H10/12 H10/11 H9/15 H9/14 H9/13

REFERENCES

STRATUM II

DO III

ST. = STRATUM



(a) General view of Trench Af from north-west.



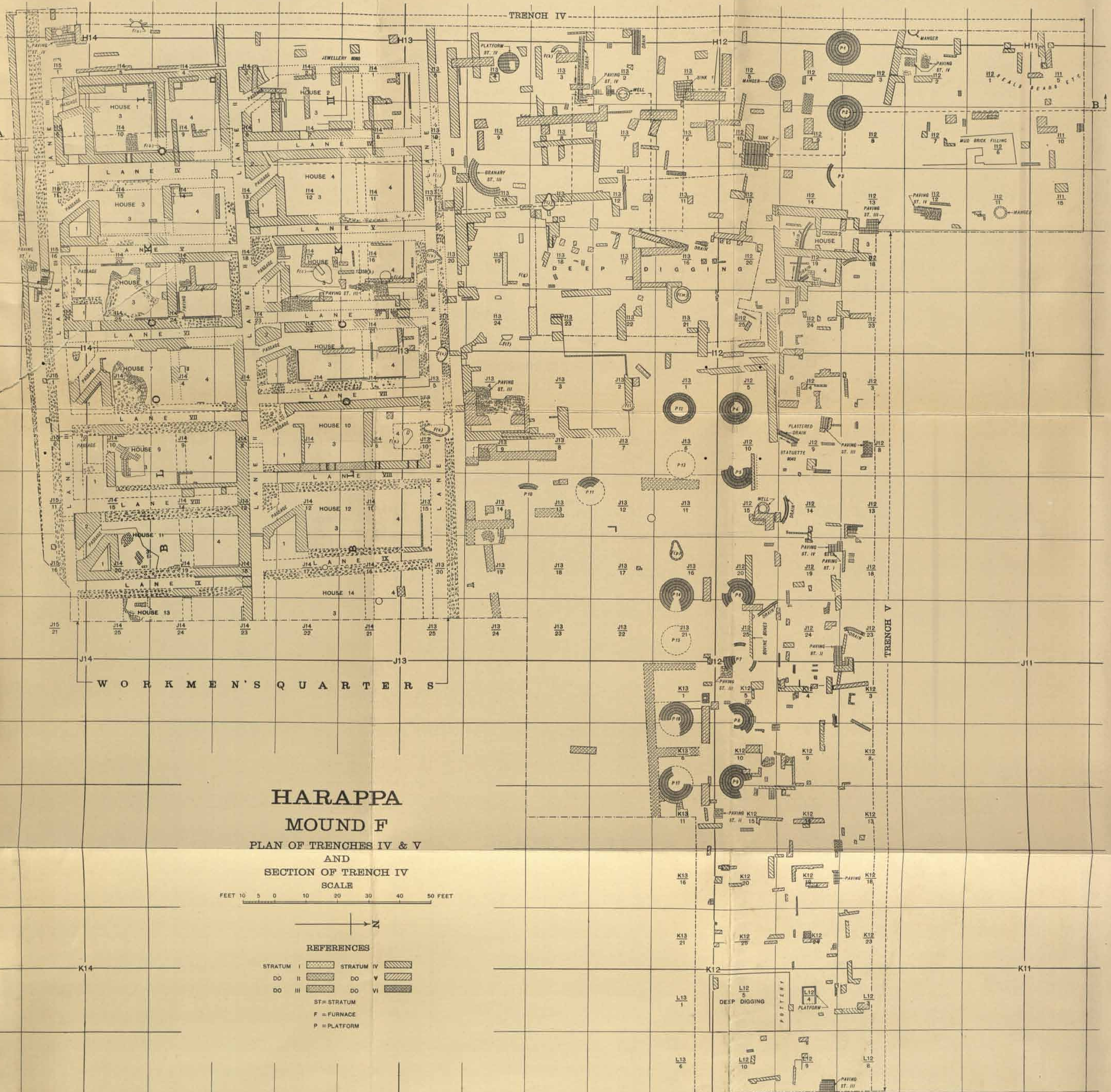
(b) Drain and sink in Trench Ae.



(c) Lingam *in situ* in Trench Ai.



(d) Brick-on-edge pavement of stratum I in Trench Ae.


SECTION ON AB
PLAN
TRENCH IV
TRENCH V
WORKMEN'S QUARTERS
HARAPPA
MOUND F
PLAN OF TRENCHES IV & V
AND
SECTION OF TRENCH IV
SCALE
FEET 10 5 0 10 20 30 40 50 FEET
N
REFERENCES
STRATUM I
DO II
DO III
STRATUM IV
DO V
DO VI
ST = STRATUM
F = FURNACE
P = PLATFORM
DEEP DIGGING
POTTERY
GRANARY ST. III
JEWELLERY
MUD BRICK FILLING
PLASTERED DRAIN
STATUETTE
BOVINE BONES
WELL
MANGER
HOUSE 1
HOUSE 2
HOUSE 3
HOUSE 4
HOUSE 5
HOUSE 7
HOUSE 8
HOUSE 9
HOUSE 10
HOUSE 11
HOUSE 12
HOUSE 13
HOUSE 14



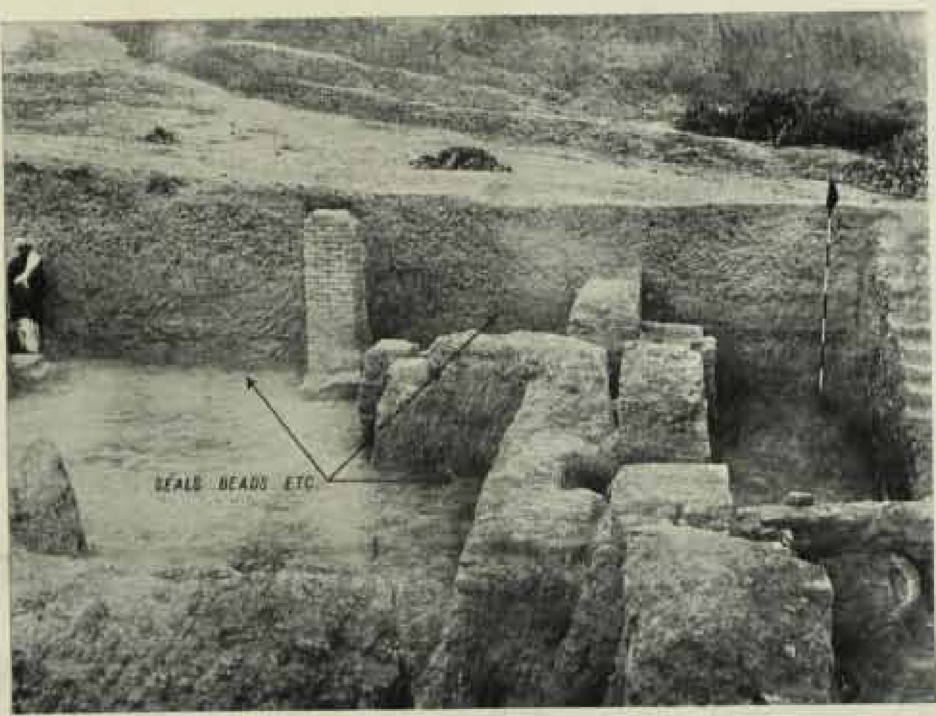
(*a*) WORKMEN'S QUARTERS, LANE II BETWEEN BLOCKS I AND II, LOOKING WEST.



(*b*) WORKMEN'S QUARTERS, LANE I WITH BLOCK II TO RIGHT, FROM WEST.



(*c*) NORTHERN PORTION SHOWING CIRCULAR BRICK-ON-EDGE PLATFORMS NOS. 1 TO 3, FROM SOUTH-EAST.



(*d*) NORTHERN END SHOWING THE FINDSPOT OF SEALS, BEADS, ETC., FROM EAST.



(a) WORKMEN'S QUARTERS, HOUSES 3 AND 5 WITH LANE V BETWEEN THEM, FROM SOUTH.



(b) WORKMEN'S QUARTERS, PARTIAL VIEW OF BLOCKS I AND II WITH TRENCH V IN THE BACKGROUND, FROM SOUTH-WEST.



(c) GENERAL VIEW FROM NORTH.



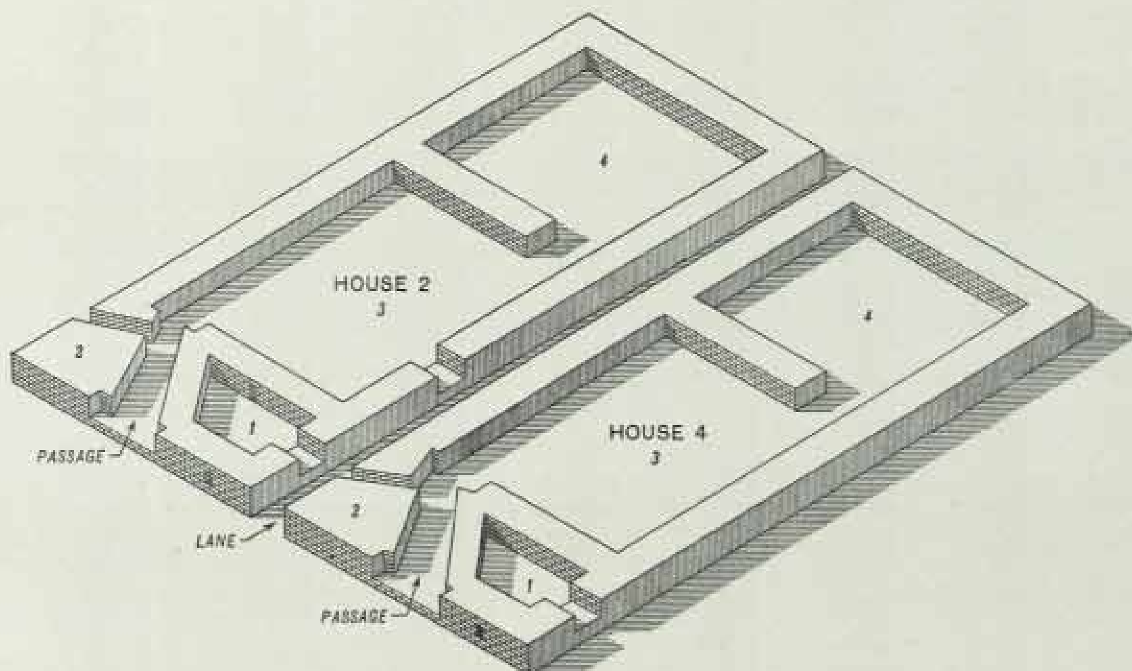
(d) WORKMEN'S QUARTERS, PARTIAL VIEW SHOWING QUADRILATERAL-SHAPED ROOMS IN BLOCKS I AND II, FROM NORTH-WEST.



(a) PANORAMIC VIEW OF TRENCHES IV AND V WITH WORKMEN'S QUARTERS TO LEFT FROM EAST.

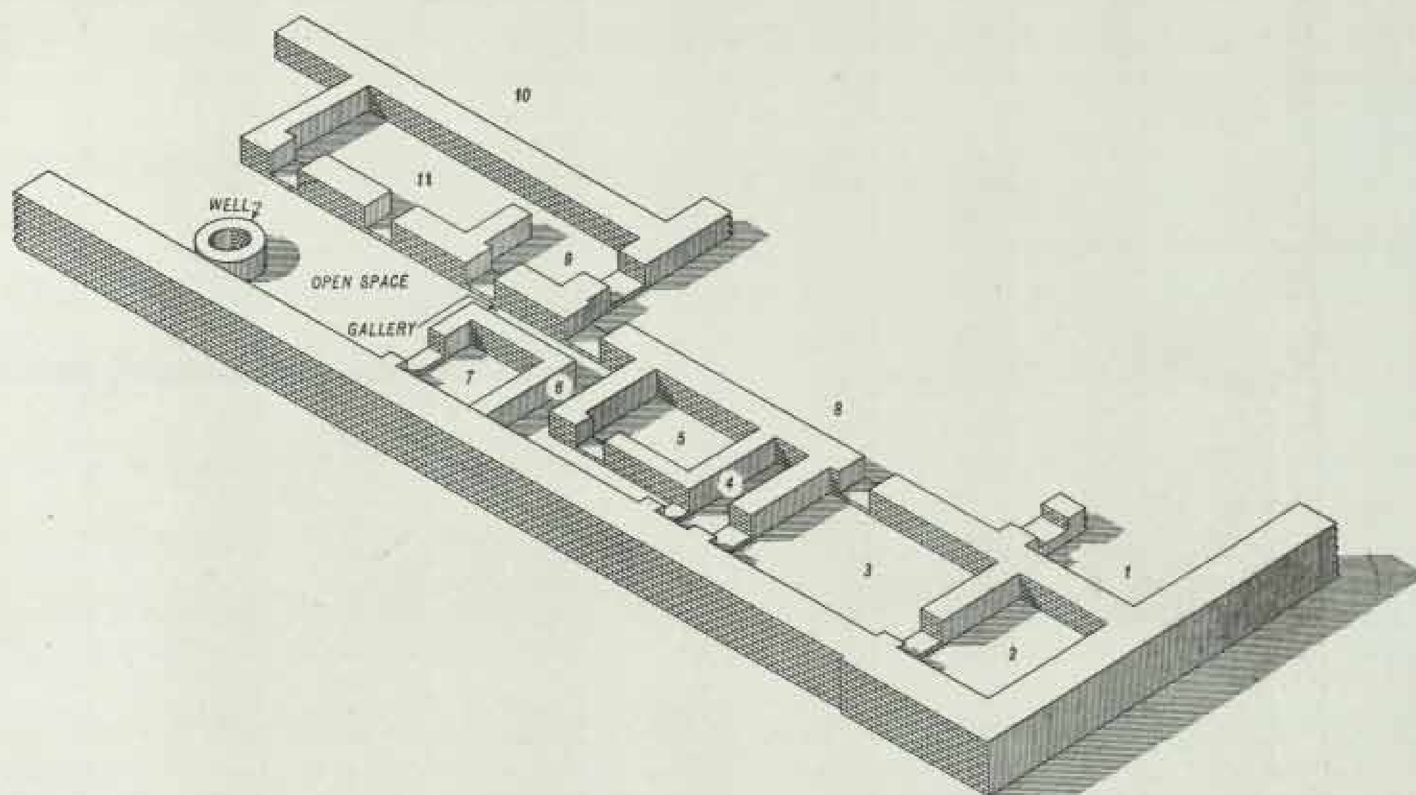


(b) PANORAMIC VIEW OF TRENCHES IV AND V WITH WORKMEN'S QUARTERS TO RIGHT, FROM WEST.



a. MOUND F, TRENCH IV, WORKMEN'S QUARTERS. ISOMETRIC PROJECTION OF HOUSES 2 & 4





b. MOUND F, TRENCH VI, ISOMETRIC PROJECTION OF HOUSE 1





(*a*) TRENCH IV. DEEP DIGGING SHOWING SEVERAL LAYERS OF NODULES.



(*b*) TRENCH V. BOVINE BONES AND COPPER SPEAR-HEAD NO. 10008 BELOW A WALL OF STRATUM IV IN SQ. J 12/25.



(*c*) TRENCH V. GENERAL VIEW, LOOKING EAST.



(*d*) TRENCH V. WELL WITH PAVEMENT AND WATER JARS, FROM NORTH-WEST.



(*a*) FURNACE Fa WITH A PART OF THE ROOF VAULT LYING INSIDE.



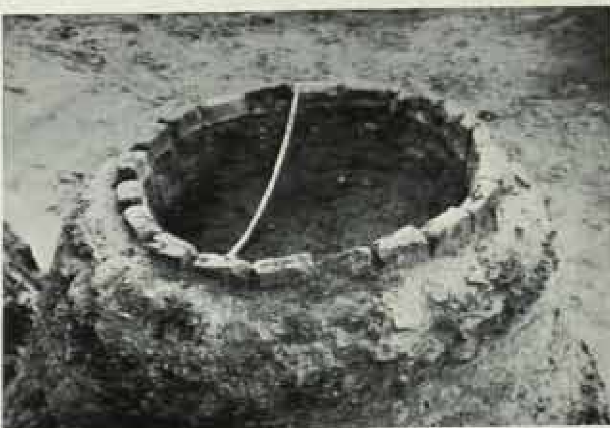
(*b*) FURNACE Fa SHOWING FLUES IN THE VAULT AFTER CLEARANCE.



(*c*) FURNACE Fj.



(*d*) FURNACE Fc WITH DIVIDING WALL INSIDE.



(*e*) PAVED CIRCULAR MANGER LINED WITH BRICK-ON-EDGE.



(*f*) FURNACE Ff.



(*a*) Trench V. Part of a drain with lime plaster in Sq. J 12/9.



(*b*) Trench V. Deep digging at the eastern end showing broken pottery.



(*c*) Trench V. Goblets with pointed bases *in situ* in Sq. J 12/15.



(*d*) Trench IV. *Deg*-shaped large pottery vessel covered by a wall of Stratum III in Sq. I 11/10.



(*e*) Trench IV. Furnace Fd.



(*f*) Trench IV. Furnace Fg.



(*g*) Trench IV. Large pottery vessel shaped like a goblet with pointed base in Sq. I 12/7.

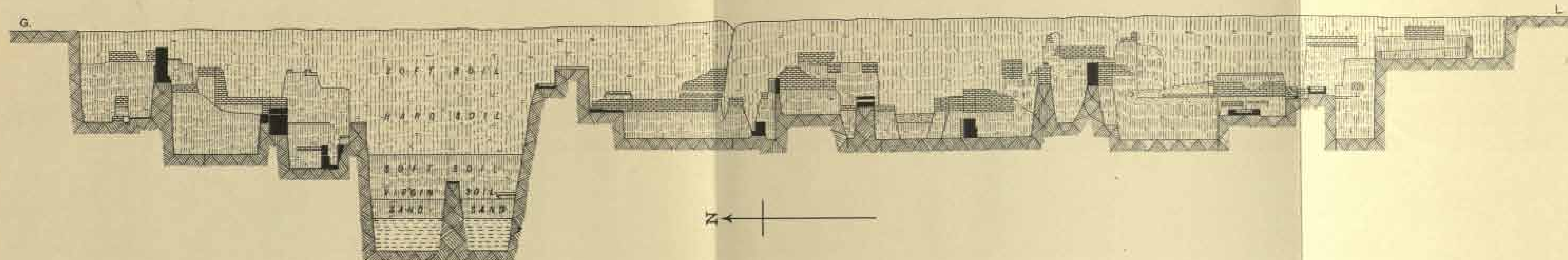
HARAPPA

MOUND F
PLAN AND SECTION OF TRENCH I

SCALE

FEET 10 5 0 10 20 30 40 FEET

SECTION ON AB



PLAN

M10 M11 M12

TINY SEALS

DEEP DIGGING

GRANARY

DRAIN

PAVING ST. IV

PAVING ST. III

PAVING ST. V

PAVING ST. VI

ST. II

ST. V

ST. III

ST. IV

SINK

COPPER JAR

COPPER CHARIOT

POTTERY

HOUSE 1

HOUSE 2

HEARTHS ST. IV

MANGERS

BOVINE BONES

LOT 10195

MUD HUTS

A B

L10 L11 L12

REFERENCES

STRATUM I	[hatching]	STRATUM V	[hatching]
DO II	[hatching]	DO VI	[hatching]
DO III	[hatching]	DO VII	+ + +
DO IV	[hatching]	DO VIII	[solid black]

ST. = STRATUM



(a) General view from north-west-north.



(b) General view from south-east-south.



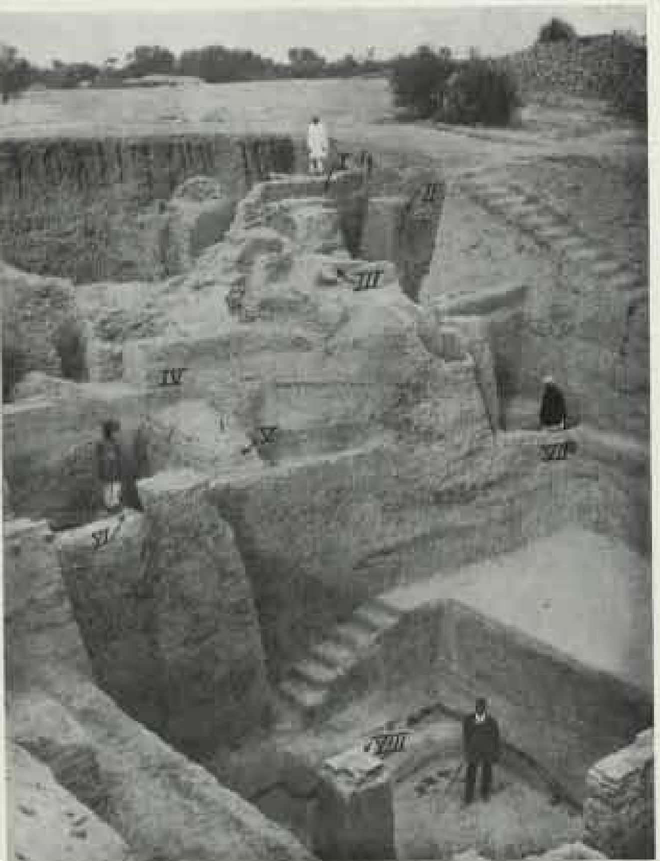
(c) View of the Central Section showing strata I to VI from north-west.



(d) Detail view of mud huts at the southern end.



(*a*) View of the northern section, from south-west.



(*b*) Deep Digging and the Northern Section showing eight strata of occupation, from south-west.



(*c*) Crushed pottery lying against a wall of stratum V in Sq. M 11/11.



(*d*) Central Section showing a fine rectangular pavement of stratum V.



(*a*) Central Section. Seals, weights, etc., of stratum IV *in situ*.



(*b*) Central Section. Copper Jar No. 277 of stratum III *in situ*.



(*c*) Western cutting of the Deep Digging showing compressed layers of green earth preceded and followed by soft white soil.



(*d*) Eastern part of the Deep Digging showing bovine bones including forepart of a skull.



(*a*) NORTHERN SECTION, POTTERY JARS 1033 A AND B BESIDES A BROKEN PAVEMENT OF STRATUM III.



(*b*) NORTHERN SECTION, POST-CREMATION URN NO. 3686 IN SQ. M 10/15 WITH A HUMAN TIBIA INSIDE.



(*c*) SOUTHERN SECTION SHOWING TWO RECTANGULAR HEARTHS OF STRATUM IV AND CIRCULAR MANGERS OF STRATUM V IN SQ. M 12/19.



(*d*) PARTIAL VIEW OF POTTERY IN SQ. M 12/17.



(*e*) INSCRIBED JAR AND JAR-STANDS OF STRATUM VI IN SQ. M 12/6.



(*f*) BROAD AND SHALLOW TROUGH OF STRATUM VI IN SQ. M 11/13.

HARAPPA

MOUND F

TRENCH III

SCALE

FEET 10 0 10 20 30 40 FEET

N

REFERENCES

STRATUM	I		STRATUM	V	
DO	II		DO	VI	
DO	III		DO	VII	+ + +
DO	IV				

ST. = STRATUM



(a) TRENCH III. PARTIAL VIEW OF HOUSES 1 AND 2 OF STRATUM IV, FROM SOUTH-WEST.



(b) TRENCH III. GROUP OF POLYCHROME AND OTHER POTTERY No. 5723 *in situ*.



(c) TRENCH VI. BOVINE BONES AND POTTERY IN SINK 1 IN SQ. P 10/8.



(d) TRENCH III. CONTENTS OF A POST-CREMATION URN LYING IN THE LANE BETWEEN HOUSES 1 AND 2.

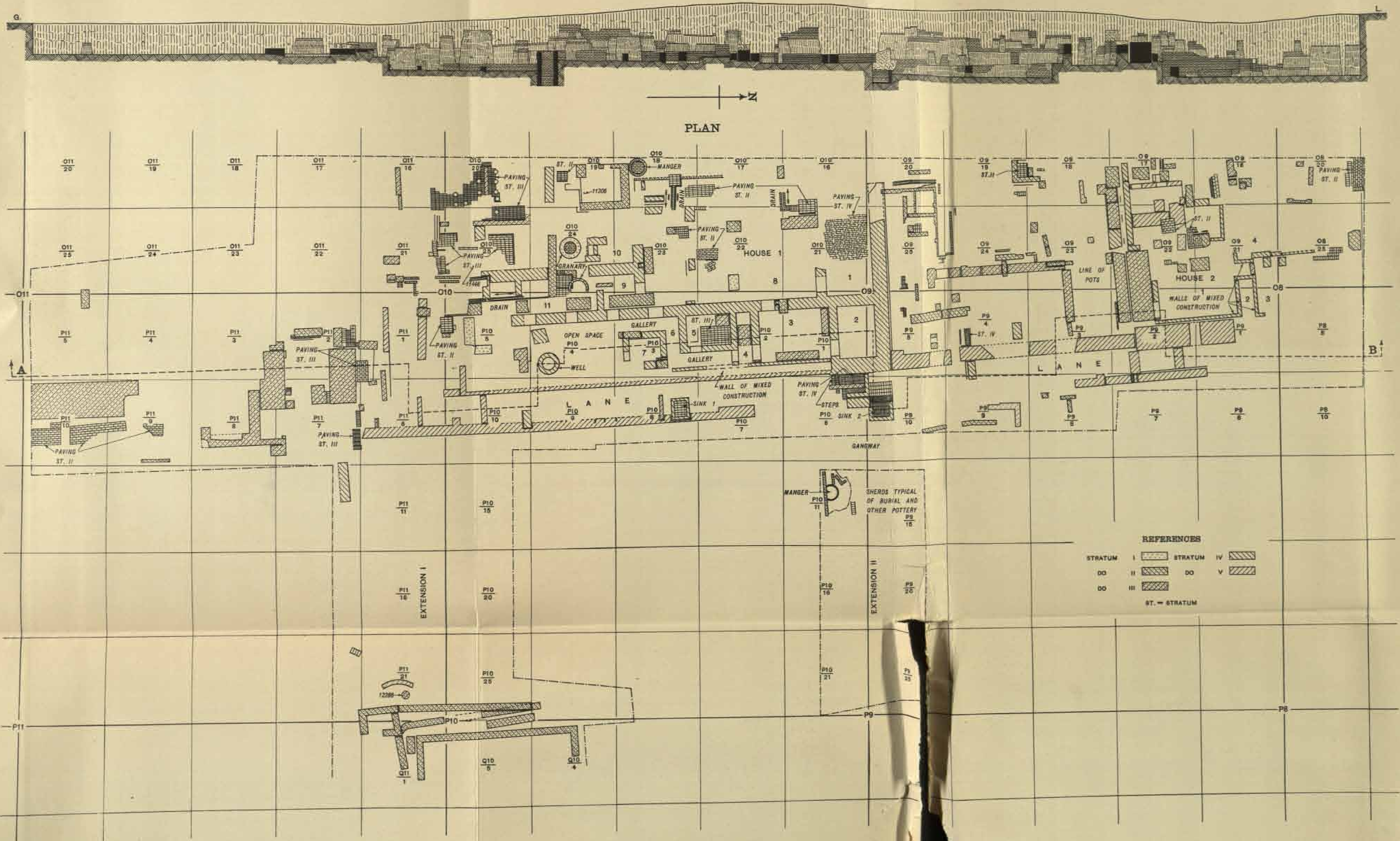
HARAPPA

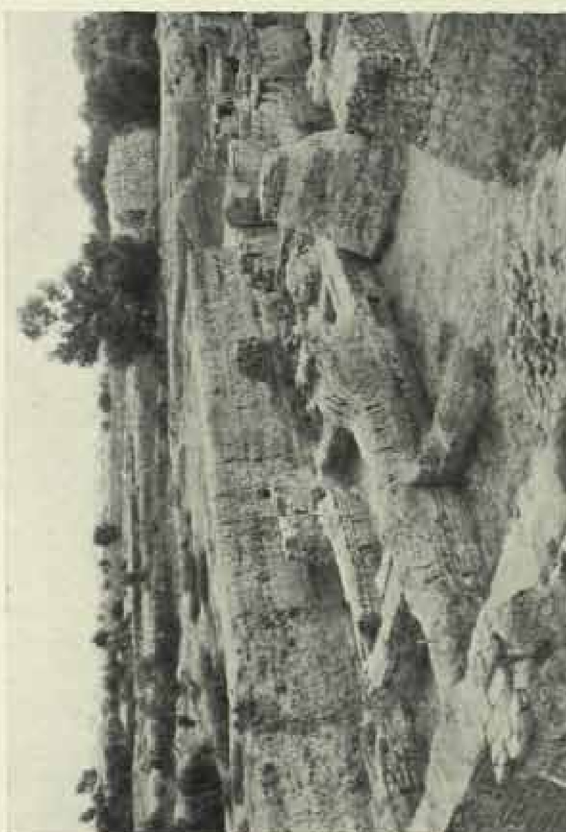
MOUND F

PLAN AND SECTION OF TRENCH VI

SCALE

FEET 10 5 0 10 20 30 40 FEET





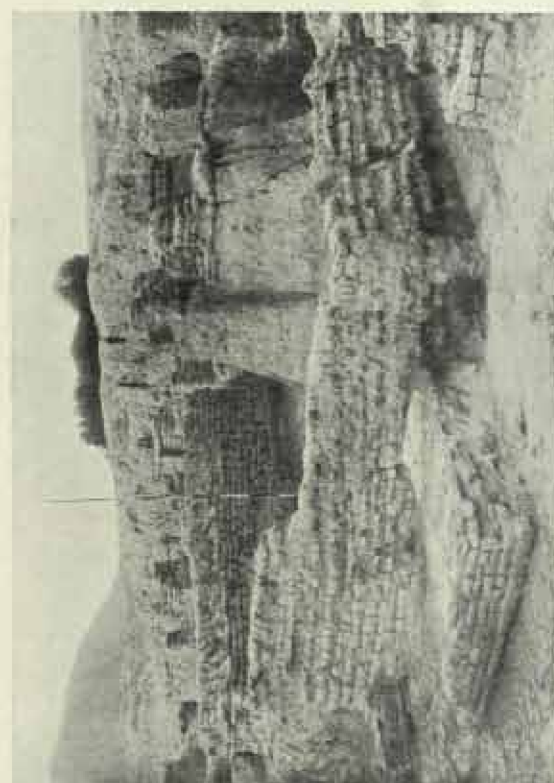
(*a*) EASTERN PART OF HOUSE 1 OF STRATUM IV, FROM NORTH-WEST.



(*b*) WESTERN PART SHOWING IN THE FOREGROUND JAR-STANDS EMBEDDED IN A LARGE PAVEMENT, LOOKING NORTH.



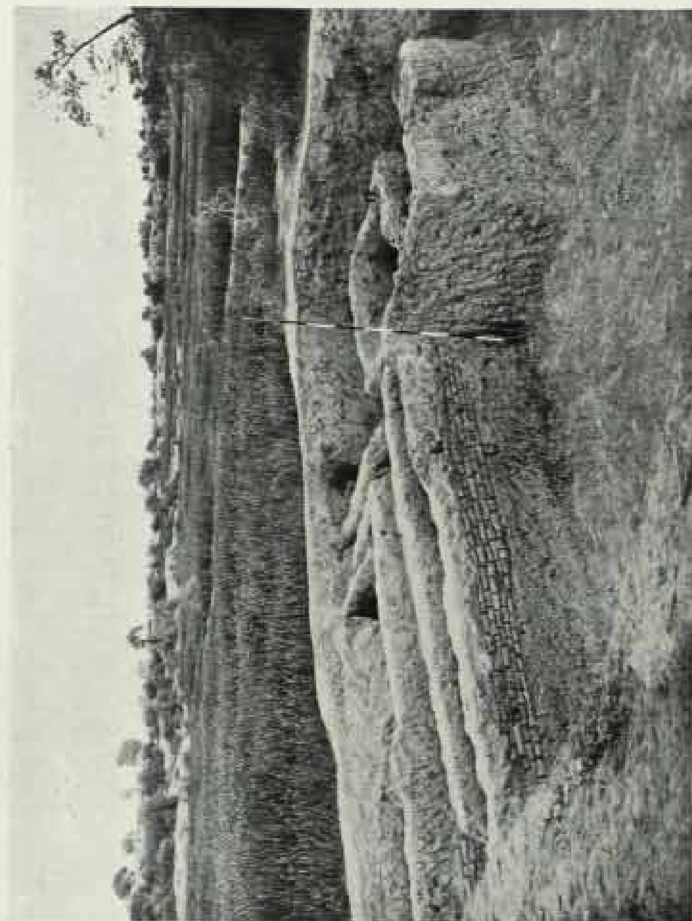
(*c*) BURIAL AND NON-BURIAL TYPES OF POTSHERDS MIXED WITH BOVINE BONES AND BRICKBATS IN SQUARES P 10/11 AND P 9/15.



(*d*) ALTERNATE COURSES OF MUD AND BURNT BRICKS IN THE OUTER WALLS OF ROOM 1, HOUSE 2, FROM NORTH-EAST.



(*a*) Eastern part of House 1 of stratum IV and other structures, from north-east.



(*b*) Extension I, back part of a house buried under fields, from north-west.



(*c*) Earthenware jars of strata I to III in the southern part of the northern section, looking west.



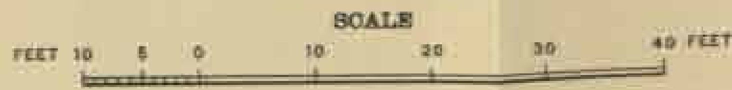
(*d*) Lane to the east of Houses 1 and 2 blocked by later walls, from south.

HARAPPA

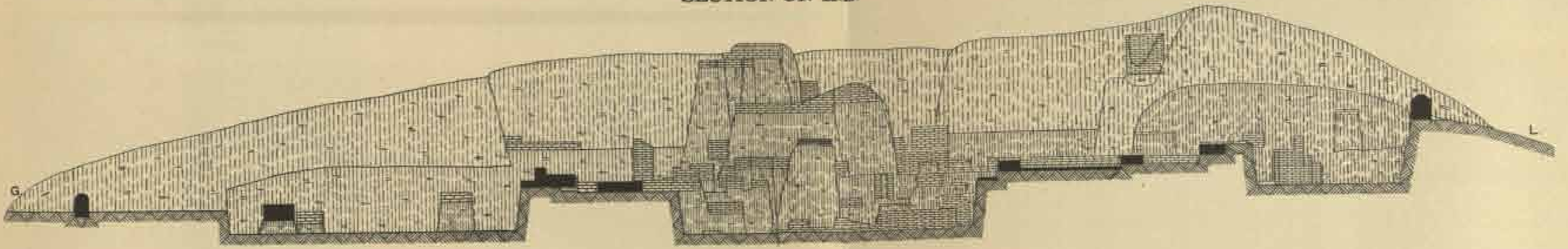
MOUND AB

PLAN AND SECTION OF TRENCH B

SCALE



SECTION ON A.B.





PLAN

PAVING ST. III

GUPTA REMAINS

GRANARY

RINGSTONES

PILE OF ANIMAL BONES

PAVING ST. IV

PAVING ST. III

MASONRY BENCH

PAVING ST. VI

DRAIN

ST. V

PAVING ST. VII

PAVING ST. III

PAVING ST. V

PAVING ST. IV

PAVING ST. V

A

B

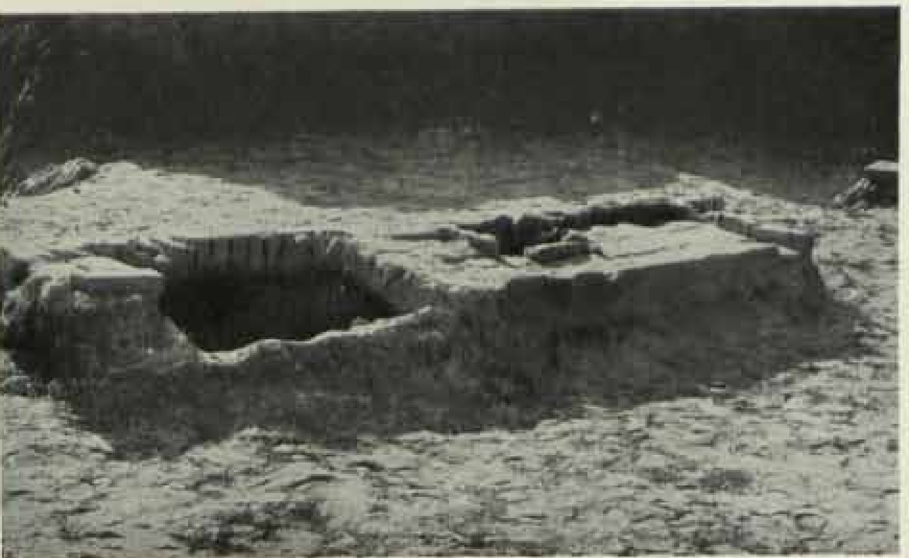
TOMB OF NAUGAZA

REFERENCES

STRATUM I		STRATUM V	
DO II		DO VI	
DO III		DO VII	+ + +
DO IV		ST. = STRATUM	



(a) GENERAL VIEW SHOWING MULTIPLE STRATA, FROM SOUTH-WEST.



(b) RECTANGULAR PAVEMENT WITH BRICK EDGING IN TWO PARTS.



(c) HEAP OF ANIMAL BONES OF STRATUM IV FOUND IN THE CENTRE OF THE TRENCH.



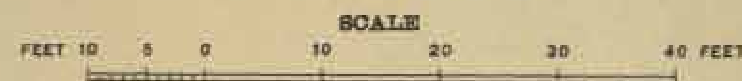
(d) GENERAL VIEW FROM EAST-SOUTH-EAST.

HARAPPA

MOUND AB

PLAN AND SECTION OF THE EXTENSION OF PITS I AND II

SCALE



SECTION ON A.B.

G. L.

PLAN

N

REFERENCES

STRATUM I — STRATUM IV
DO II — DO V
DO III — DO VI

ST. = STRATUM

HOUSE 1 · HOUSE 2 · HOUSE 3 · HOUSE 4 · HOUSE 5 · RESERVOIR · OPEN SPACE · WATER CHUTE · LARGE DRAIN · DRAINAGE JARS · MUD BRICK WALL · MUD BRICK INFILLING · MUD PLATFORM WITH BRICK EDGING · SKELETAL REMAINS · PAVING · SINK 1 · SINK 2 · PIT 1 · PIT 2 · PASSAGE

A B



(a) General view showing fragmentary nature of the remains, from south-east.



(b) Eastern part showing pavements, gable roofed drain across the centre and shed over burial No. 5440 in the background, from north-west-north.



(c) Large drain of stratum V with a gable roofed drain above, from east.



(d) General view showing a dilapidated pavement and fragmentary remains, looking east.



(a) SPILL WATER JARS ENCLOSED BY BRICK RESERVOIRS EMBEDDED ALONG THE WESTERN END OF A GABLE ROOFED DRAIN OF STRATUM IV FROM NORTH-EAST.



(b) HOUSE 4 OF STRATUM III CONSTRUCTED AGAINST AN EXISTING WALL OF STRATUM IV, FROM SOUTH-EAST.



(c) SAUCER-SHAPED DEPRESSION OF STRATUM III WITH FILMY COATING OF FULLER'S EARTH.

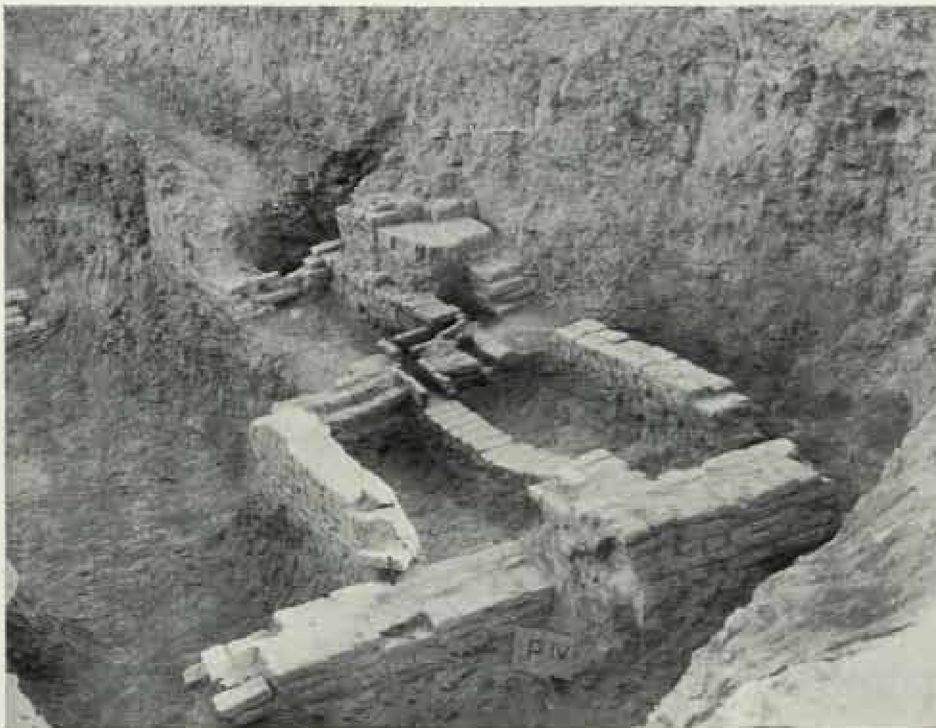


(d) ENCLOSURE SHOWING FRACTIONAL BURIAL No. 5440, FROM NORTH-WEST.

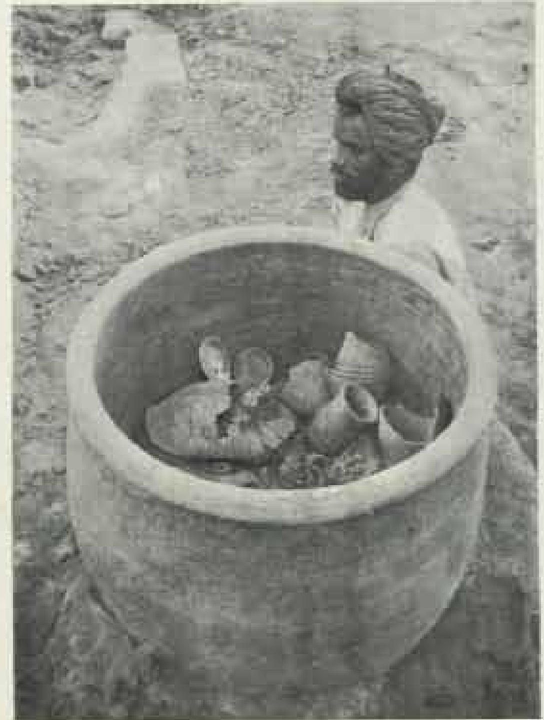






(*a*) PIT IV. REMAINS OF A ROOM AND DRAIN OF STRATUM IV WITH A LATER PAVEMENT IN THE BACKGROUND, FROM SOUTH-WEST.



(*b*) EXTENSION OF PITS I AND II. POST-CREMATION TROUGH NO. 3868 CONTAINING A TORTOISE SHELL, POTTERY, ETC.



(*c*) DRAINAGE JARS ENCLOSED IN BRICK RESERVOIRS EMBEDDED ALONG THE WESTERN END OF THE GABLE ROOFED DRAIN OF STRATUM IV.



(*d*) PIT III. FRAGMENTARY REMAINS, FROM NORTH-WEST.



(*e*) EXTENSION OF PITS I AND II. A CURTAIN WALL OF STRATUM IV IN SQUARE Q 24/9 WITH ASHES AND CHARCOAL STICKING ON BOTH SIDES.



(*f*) EXTENSION OF PITS I AND II. PARTIAL VIEW OF FRACTIONAL BURIAL NO. 5440, FROM EAST.

HARAPPA

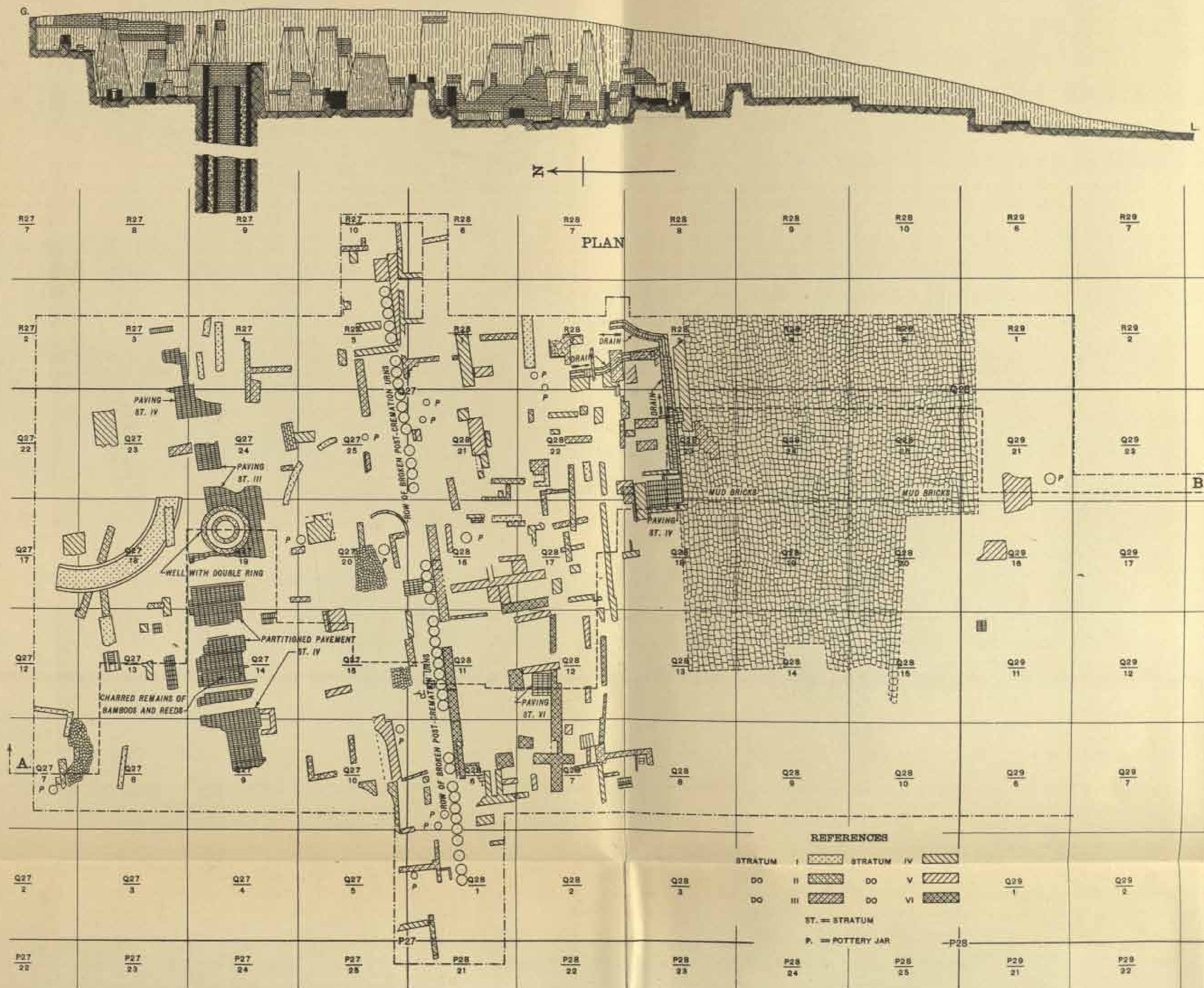
MOUND AB

PLAN AND SECTION OF THE TRENCH AT THE SOUTHERN EDGE

SCALE

FEET 10 5 0 10 20 30 40 FEET

SECTION ON A.B.

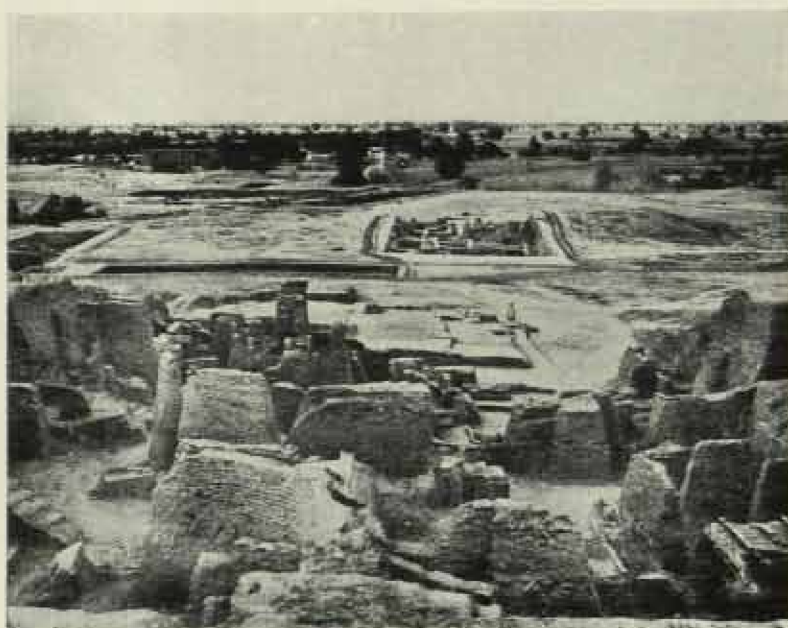




(*a*) MOUND AS LEFT BY BRICK DIGGERS, FROM SOUTH-WEST-SOUTH.



(*b*) LONG VIEW OF CRUSHED POST-CREMATION URNS OF STRATUM V GOING ACROSS THE TRENCH, LOOKING WEST.



(*c*) GENERAL VIEW OF THE TRENCH SHOWING EXCAVATIONS IN THE BACKGROUND, AREA J, CEMETERY H AND MUSEUM, LOOKING SOUTH.



(*d*) LONG BRICK-ON-EDGE PAVEMENT OF STRATUM IV WITH SEVERAL PARTITIONS, LOOKING SOUTH.



(*e*) GENERAL VIEW SHOWING MUD BRICK TERRACE IN THE FOREGROUND, FROM SOUTH.



(*f*) DOUBLE WELL OF STRATUM III SHOWING TWO RINGS WITH CLAY FILLING IN BETWEEN.

HARAPPA

AREA J

PLANS AND SECTIONS OF

TRENCHES I, II AND III

SCALE

FEET 10 5 0 10 20 30 40 50 FEET

SECTION ON A.B.

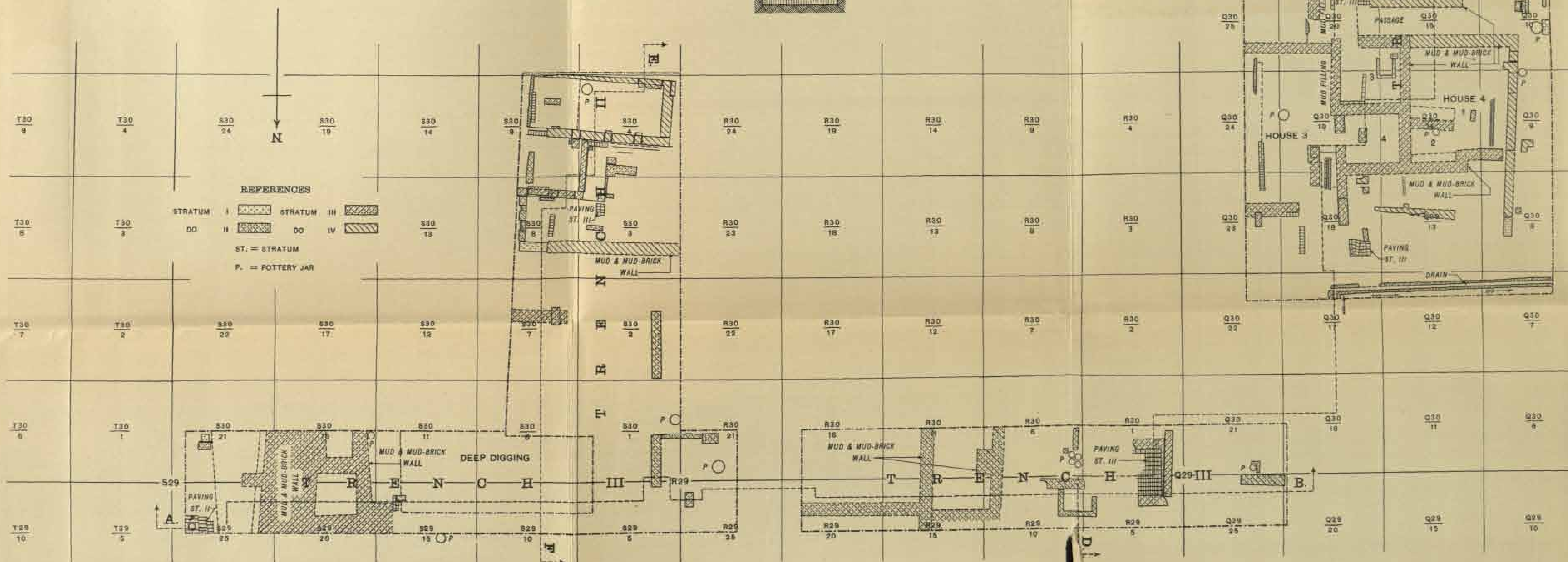
G. L.

SECTION ON C.D.

G. L.

SECTION ON E.F.

G. L.





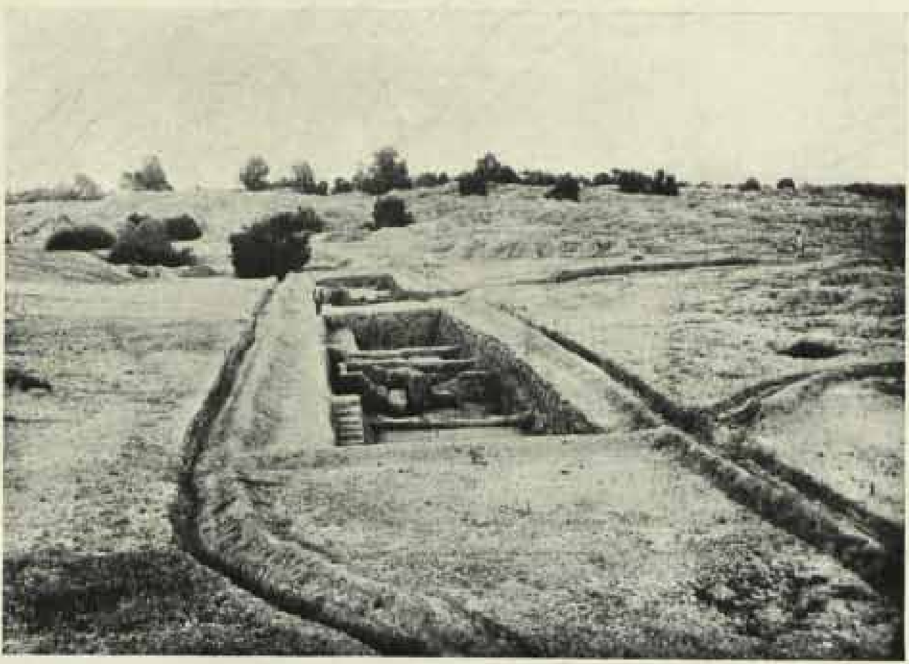
(a) Trench I, General View from north-west.



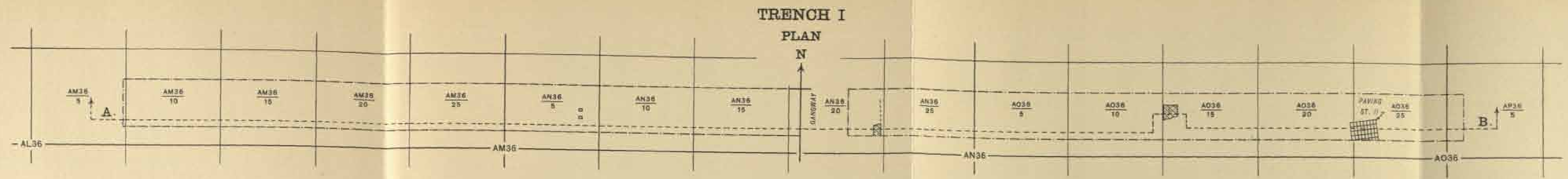
(b) Trench I, House 4 showing *Kachcha* rooms, from south-west.

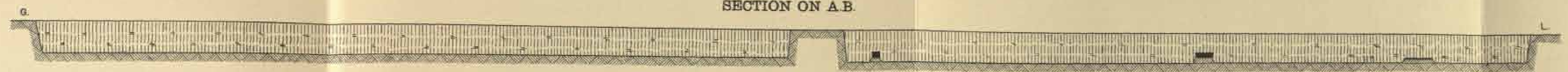


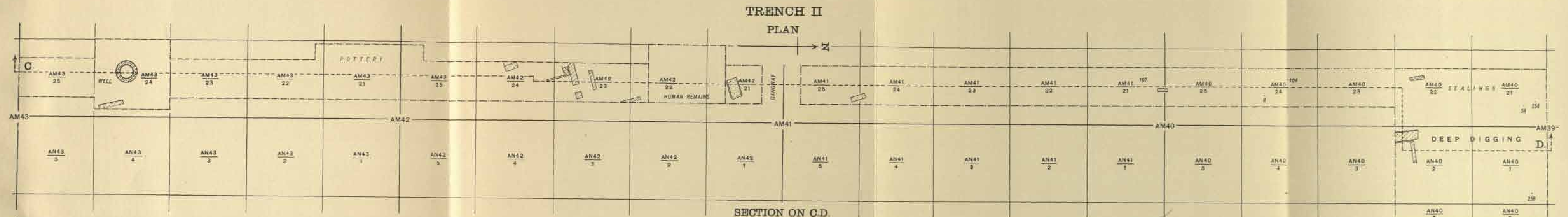
(c) Trench II, General view, looking south.

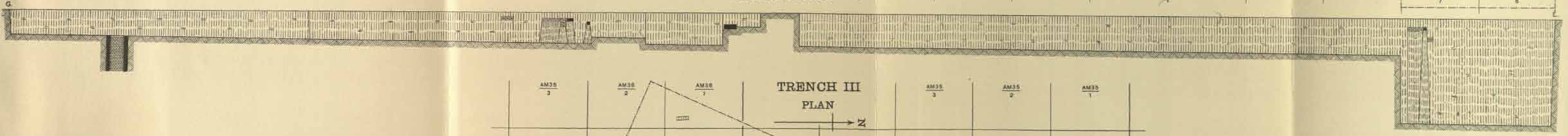


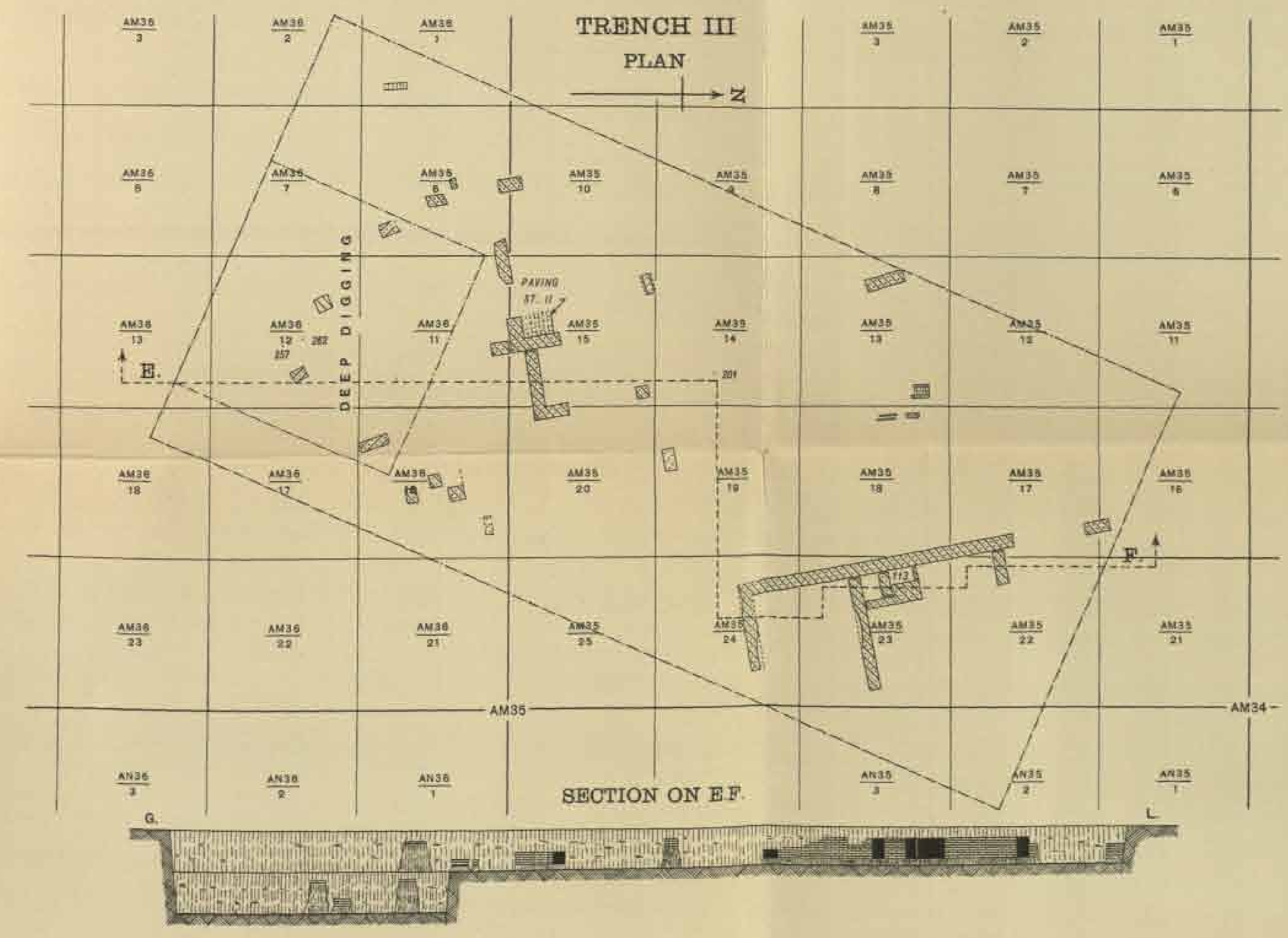
(d) Trench III, looking east.













HARAPPA

AREA G

PLANS AND SECTIONS OF TRENCHES I, II AND III

SCALE



REFERENCES

STRATUM I, DO II, STRATUM III, DO IV

ST. = STRATUM

HARAPPA AREA G.

PLAN
OF
SKELETAL REMAINS

G 289 IN

TRENCH II

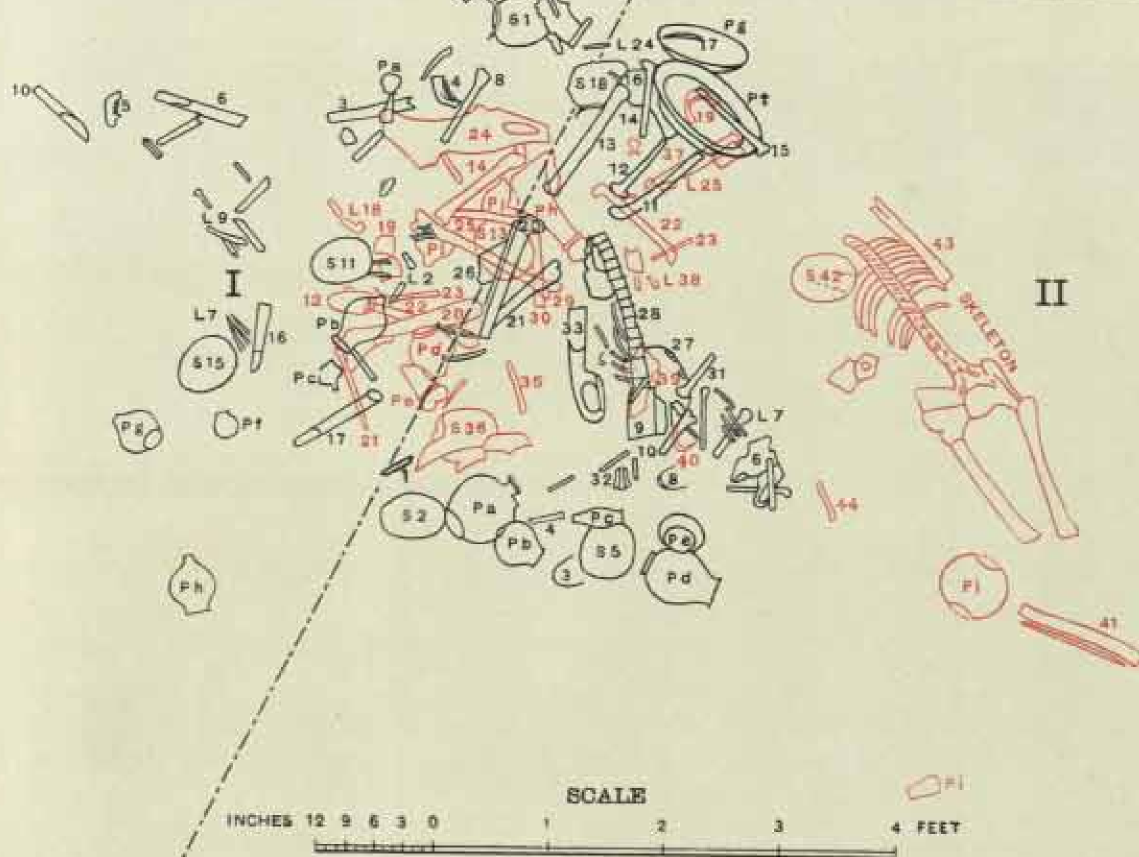
III

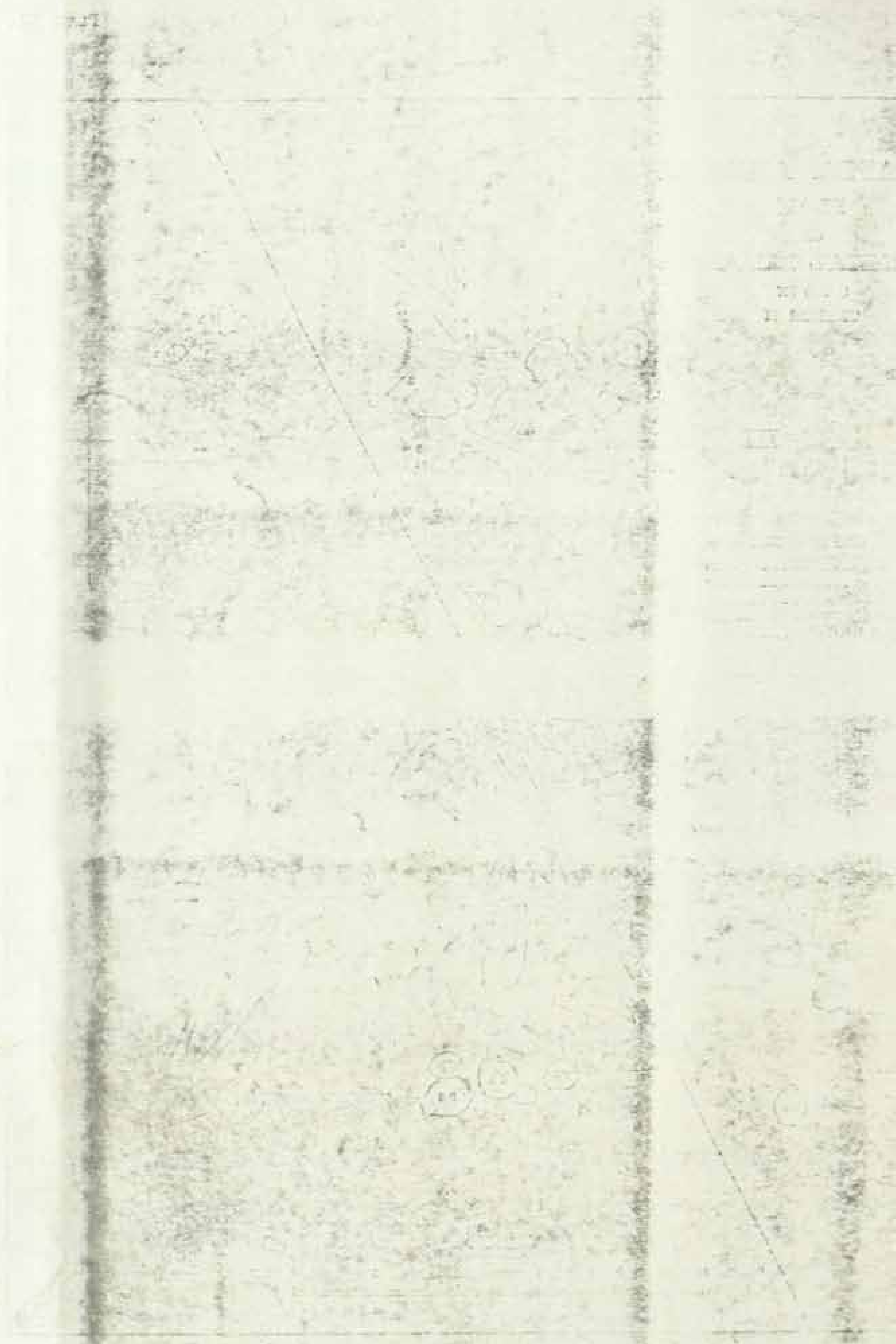
IV

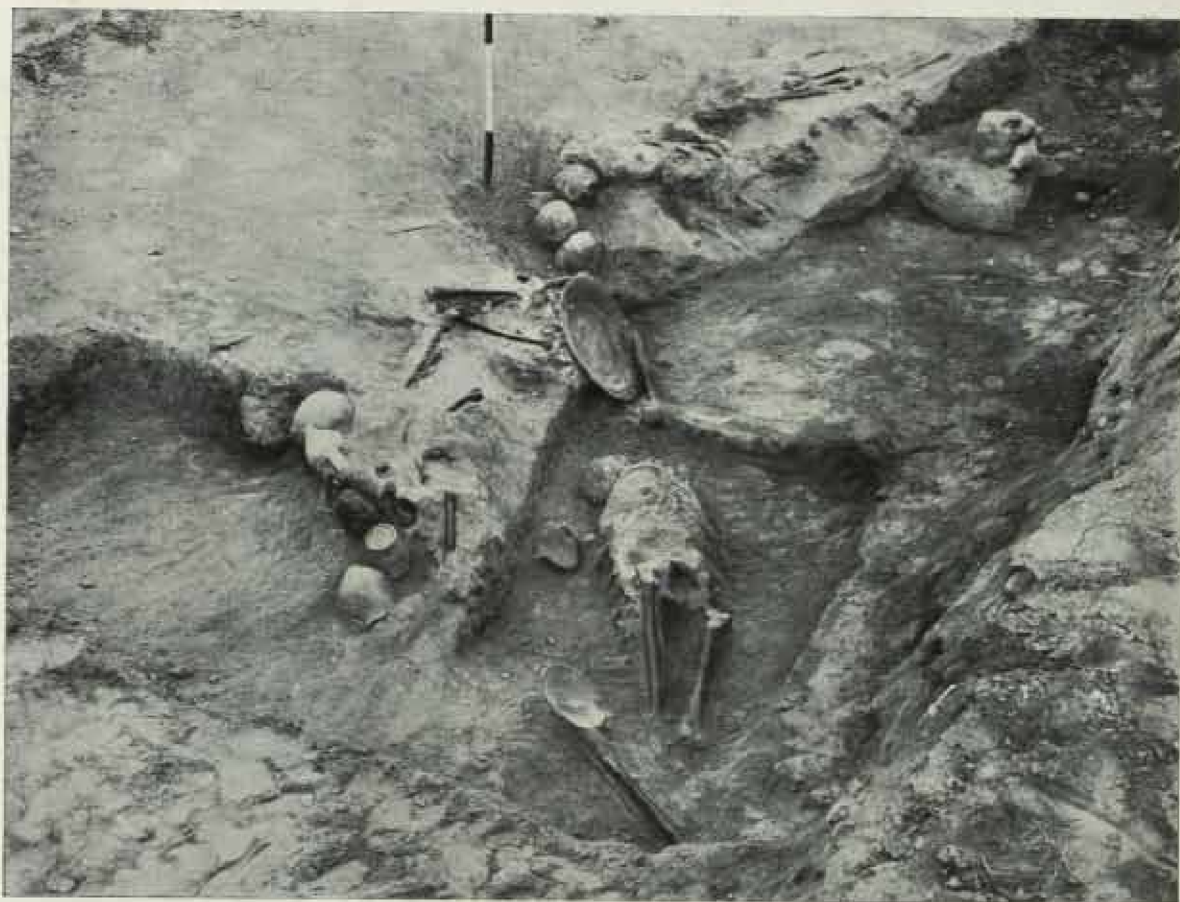
REFERENCES

SKULL	S
POTTERY	P
LOT OF BONES	L
UPPER STRATUM	———
LOWER "	——— (red)

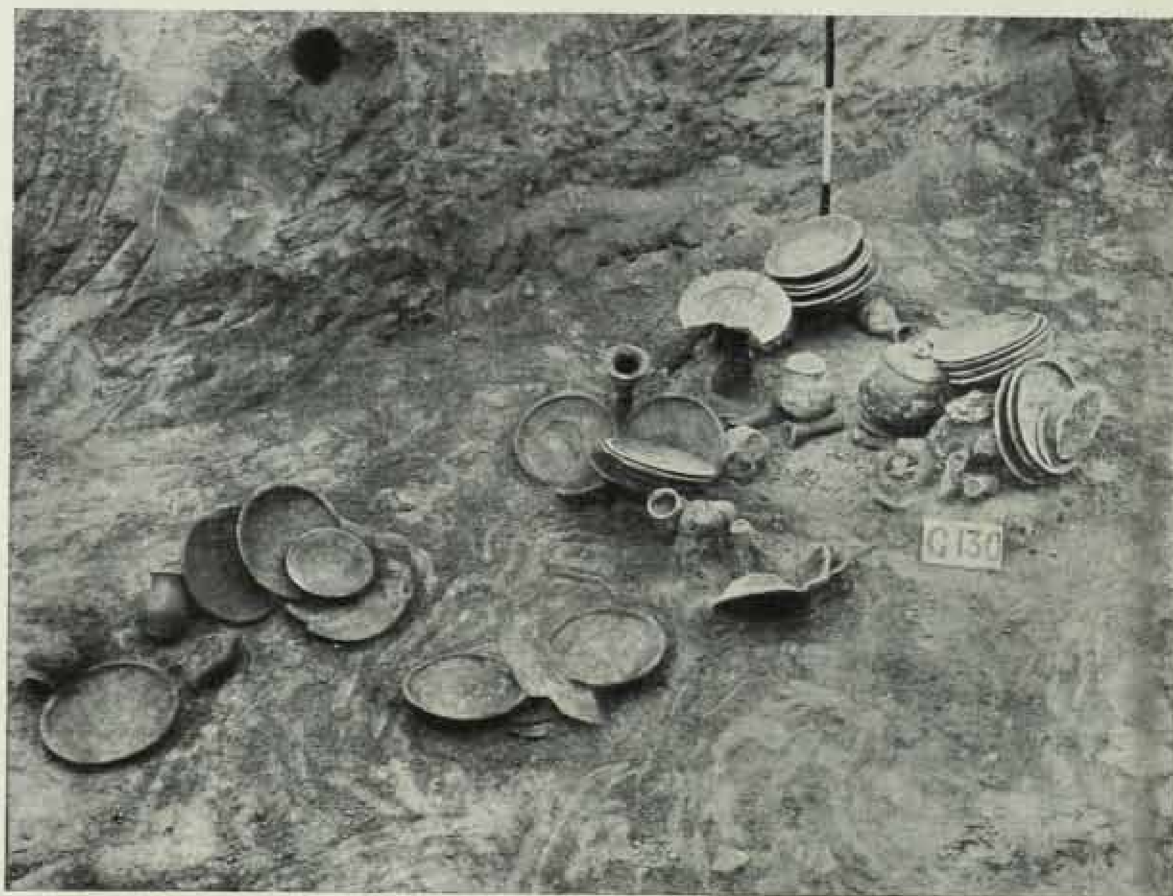








(*a*) PARTIAL VIEW OF THE SKELETAL REMAINS No. G 289, FROM SOUTH-EAST.



(*b*) POTTERY GROUP No. G 130 *in situ*.



(*a*) POTTERY GROUP NO. G 15 *in situ.*



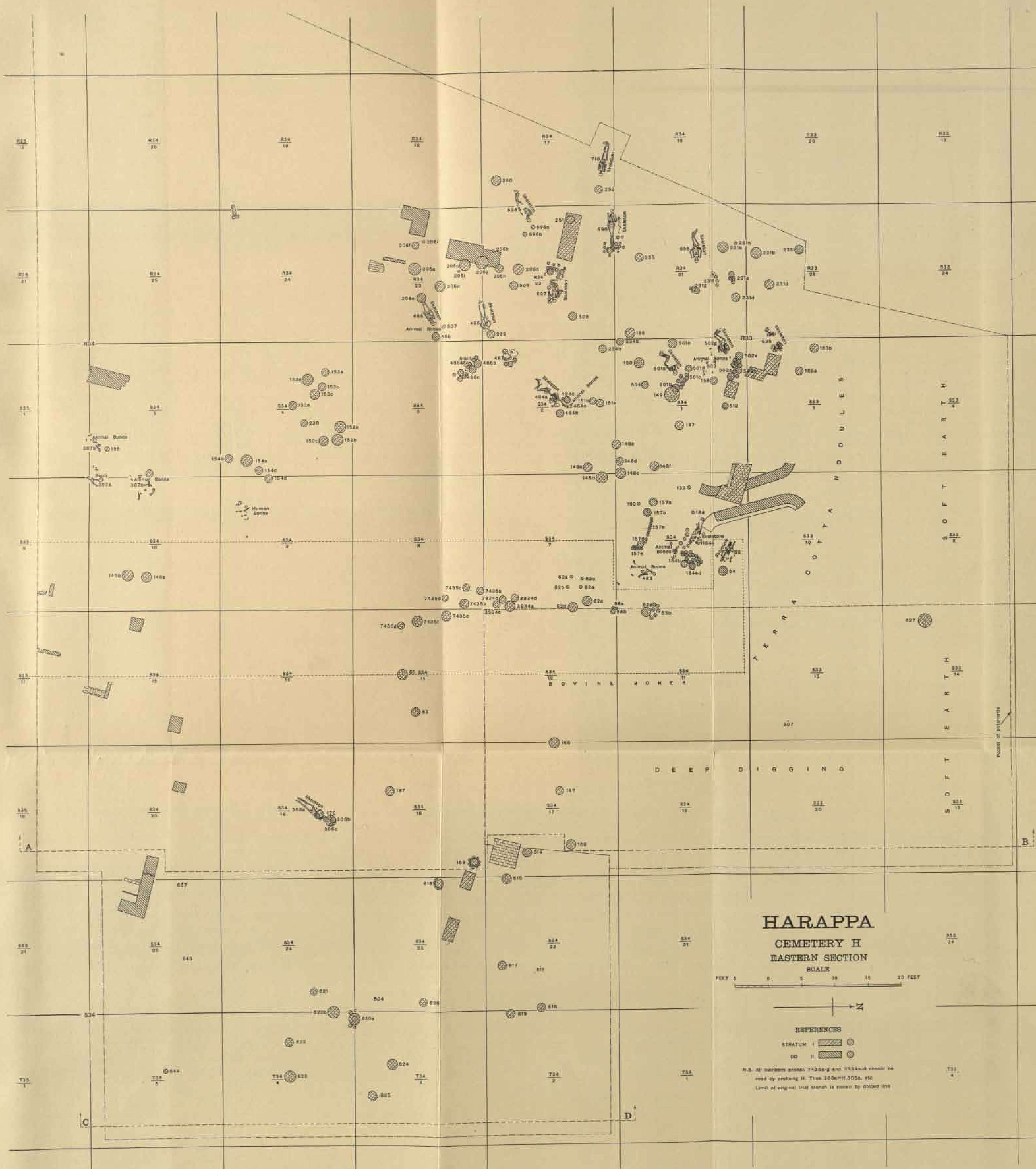
(*b*) PARTIAL VIEW OF SKELETAL REMAINS NO. G 289 SHOWING SKULLS S21, S22, S23 AND S46, ETC., PACKED TOGETHER IN DIVISION III, FROM EAST.

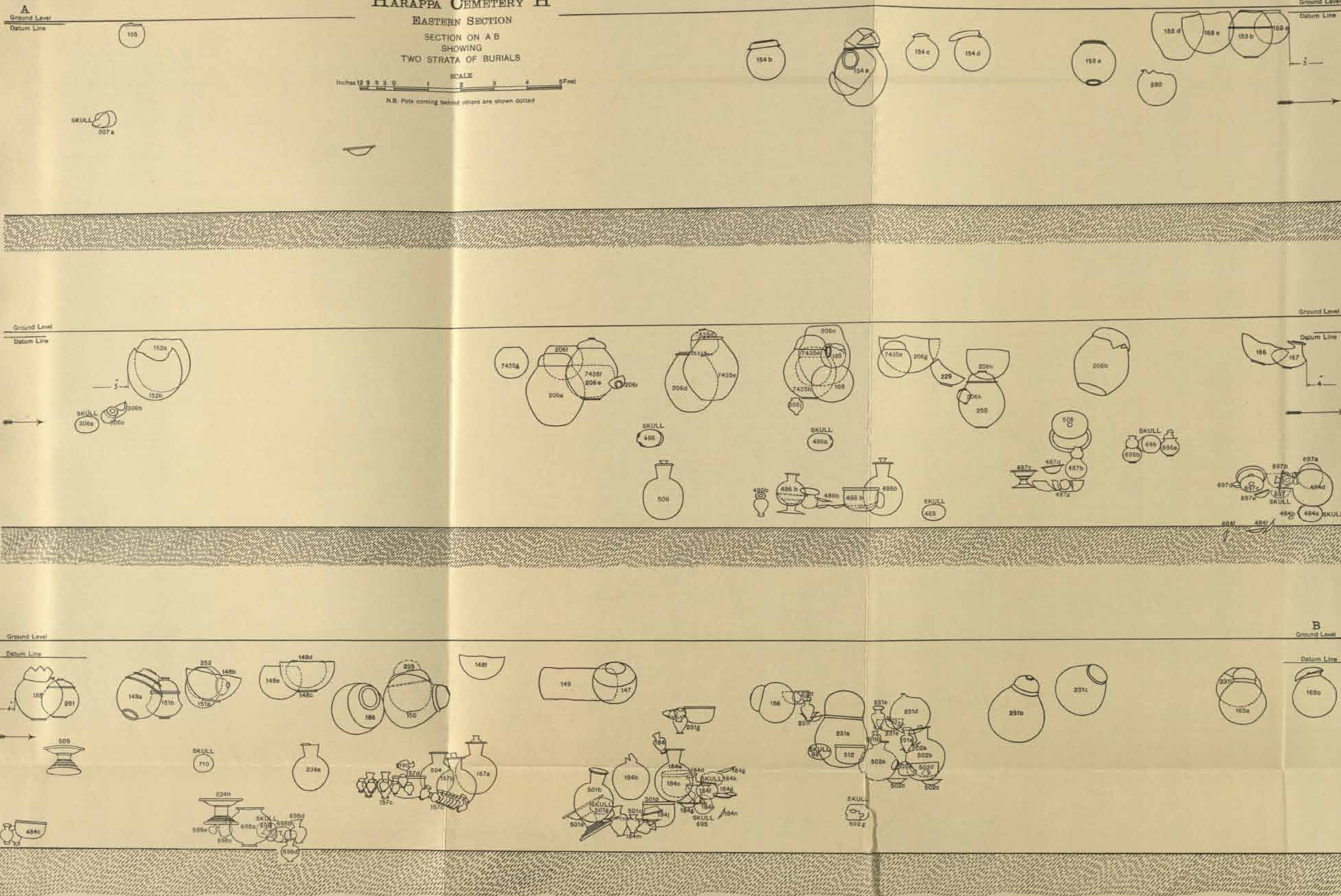


(*c*) PARTIAL VIEW OF SKELETAL REMAINS NO. G 289 SHOWING SKULLS S1 TO S4 WITH FOOD PLATES, ETC., IN DIVISION III, FROM WEST.



(*d*) PARTIAL VIEW OF SKELETAL REMAINS NO. G 289 WITH SOME ANIMAL AND HUMAN BONES IN DIVISION III, FROM SOUTH-EAST.


HARAPPA
CEMETERY H
EASTERN SECTION
SCALE
FEET 5 0 5 10 15 20 FEET
N
REFERENCES
STRATUM I
DO II
N.B. All numbers except 7435a-g and 3534a-d should be read by prefixing H. Thus 306a=H.306a, etc
Limit of original trial trench is shown by dotted line
DEEP DIGGING
BOVINE BONES
TERRACOTTA NODULES
SOFT EARTH
A
B
C
D

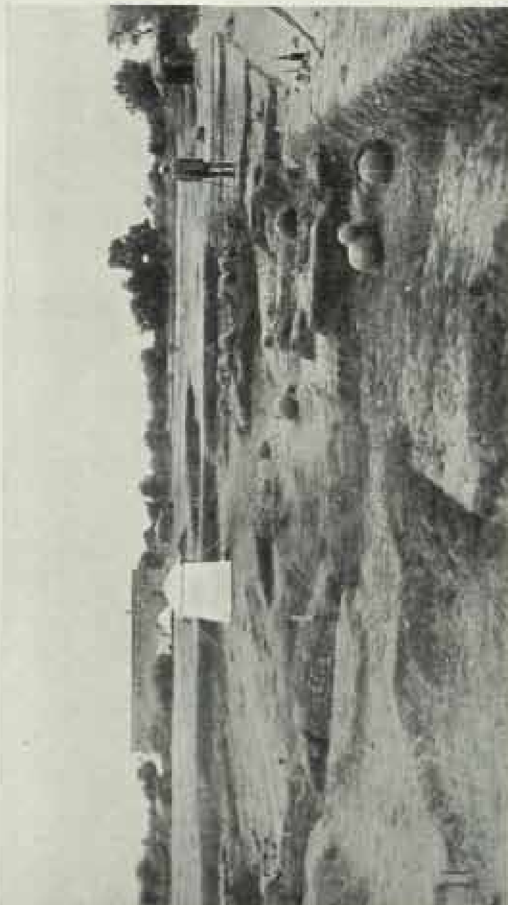

HARAPPA CEMETERY H
EASTERN SECTION
SECTION ON A B
SHOWING
TWO STRATA OF BURIALS
SCALE
Inches 12 9 6 3 0 1 2 3 4 5 Feet
N.B. Pots coming behind others are shown dotted
A
B
Ground Level
Datum Line
SKULL



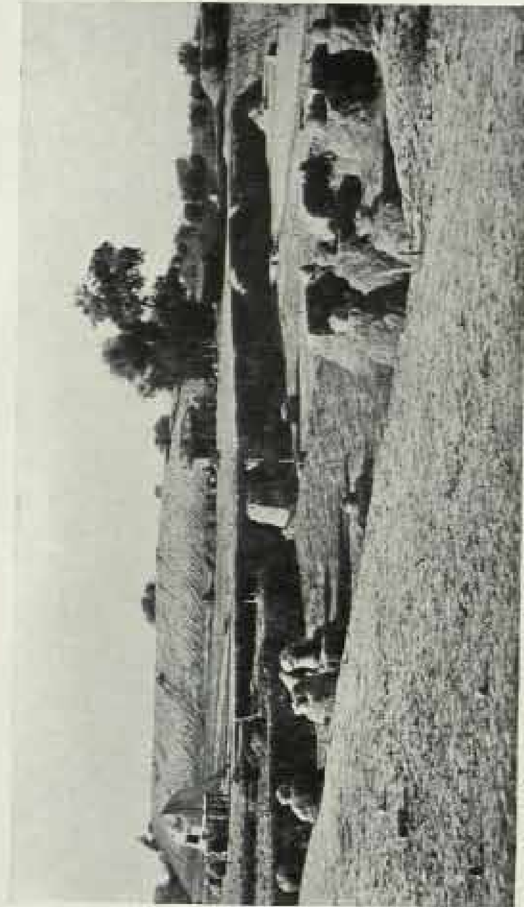
(*a*) Pot-burials of Stratum I, panoramic view, from east.



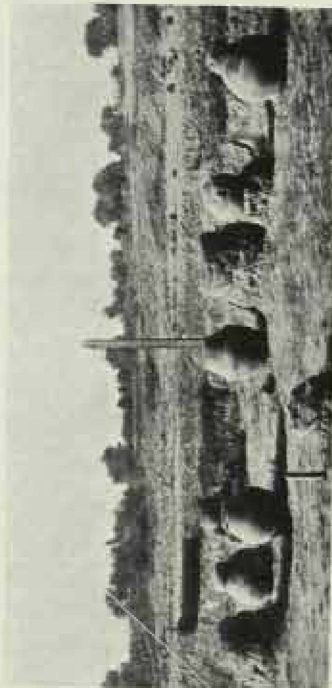
(*b*) Earth-burials of Stratum II, panoramic view, from west.



(*a*) Western part showing pot-burials of stratum I, from north.



(*b*) Eastern extension showing pot-burials of stratum I, from north-east.



(*c*) Group of pot-burials No. H 206 a to k, from east.



(*d*) Groups of pot-burials Nos. H 151 to H 154, from north-west.



(*e*) Group of pot-burials No. 7435 a to g, from south-east.



(*a*) CENTRAL PORTION SHOWING BURIAL POTTERY OF STRATA I AND II, FROM SOUTH-EAST.



(*b*) DEEP DIGGING AT THE NORTH-EAST CORNER SHOWING RIVER SILT AND POCKETS OF RUBBISH, LOOKING NORTH.



(*c*) BURIAL POTTERY OF STRATUM II, FROM SOUTH.



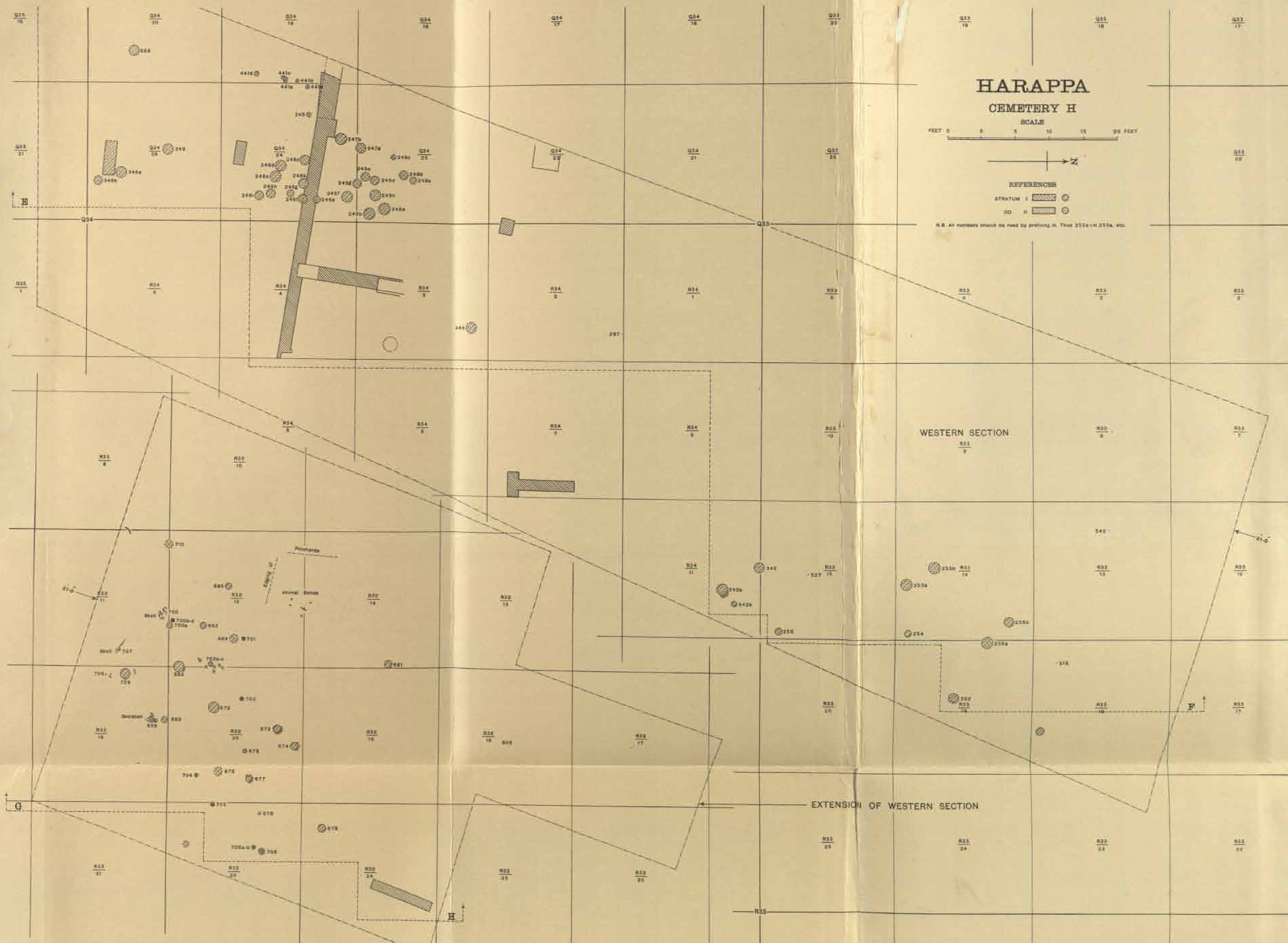
(*d*) GROUP OF POT-BURIALS NO. H 231, FROM WEST.



(*e*) BURIAL POTTERY OF STRATA I AND II IN SQUARES R 33/25 AND R 34/21, FROM NORTH-EAST.



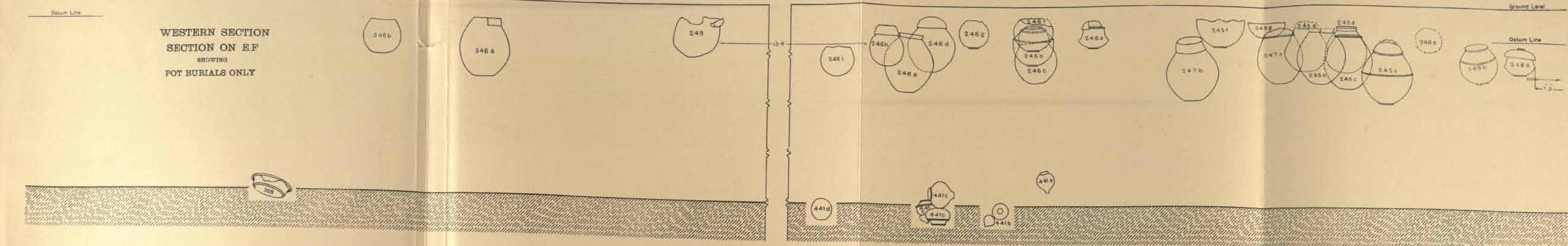
(*f*) EARTH-BURIAL NO. H 184, ETC., FROM NORTH.

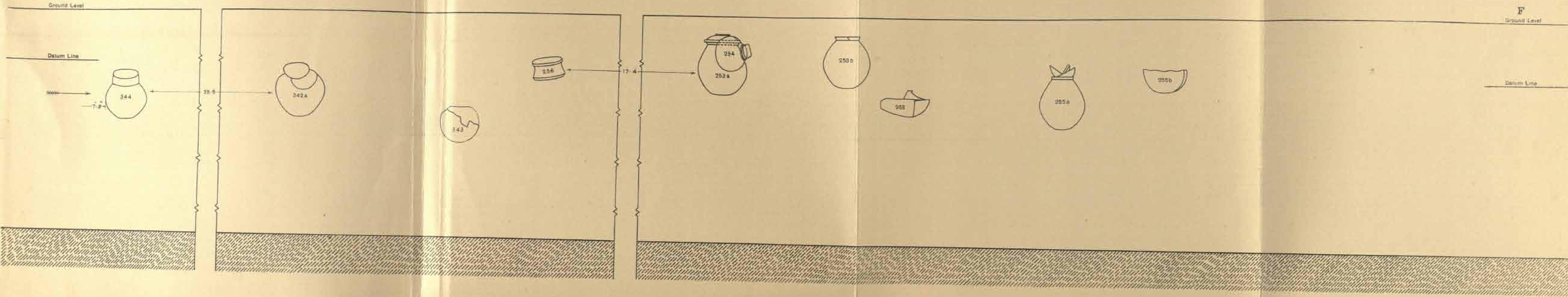

HARAPPA
CEMETERY H
SCALE
FEET 5 0 5 10 15 20 FEET
N
REFERENCES
STRATUM I
DO II
N.B. All numbers should be read by prefixing H. Thus 255a=H.255a, etc.
WESTERN SECTION
EXTENSION OF WESTERN SECTION
Potsherds
Animal Bones
Skeleton
Skull
E
F
G
H

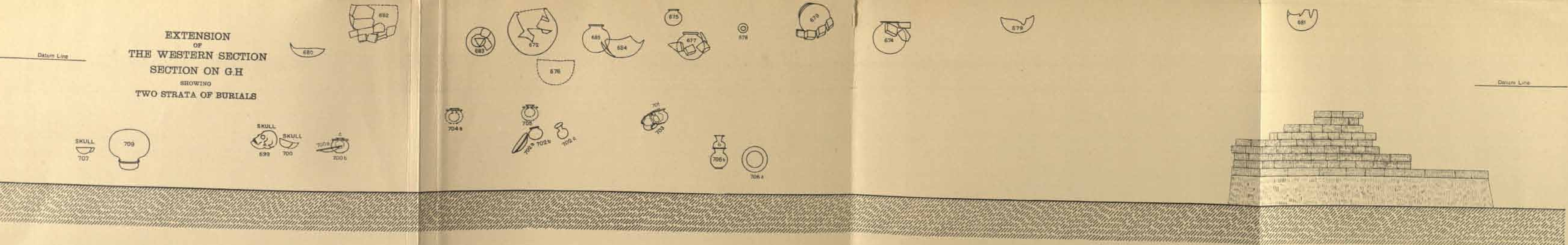
HARAPPA CEMETERY H

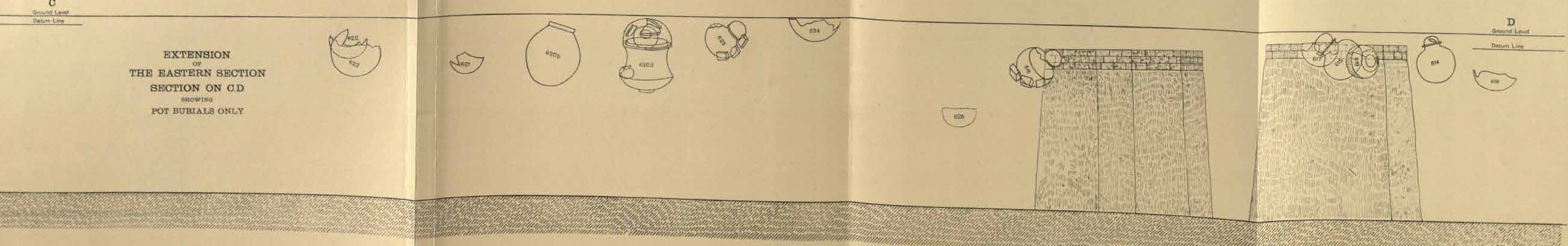
SCALE

Inches 12 9 6 3 0 1 2 3 4 5 Feet









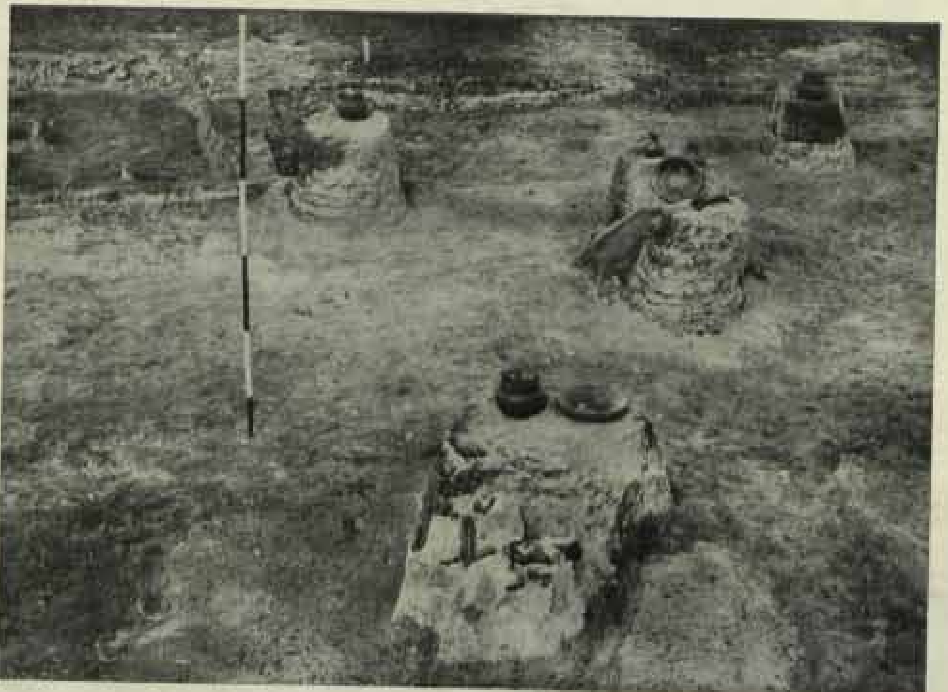
N.B. Pots coming behind others are shown dotted



(a) Extension of Western Section. Pot-burials of stratum I, general view, from east.



(b) Extension of Western Section. Fractional burials of stratum II, general view, from east.



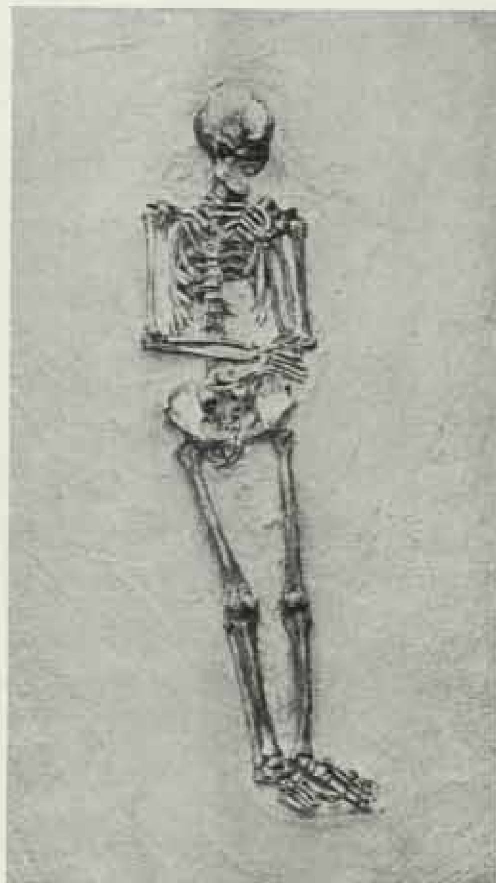
(c) Extension of Western Section. Detail view of some fractional burials of stratum II, from south.



(d) Western Section. Pot-burials Nos. H. 243 to H. 248 crushed by the impact of cart traffic, from south-west.



(a) BURIAL No. H 696.



(b) BURIAL No. H 710.



(c) BURIAL No. H 695.



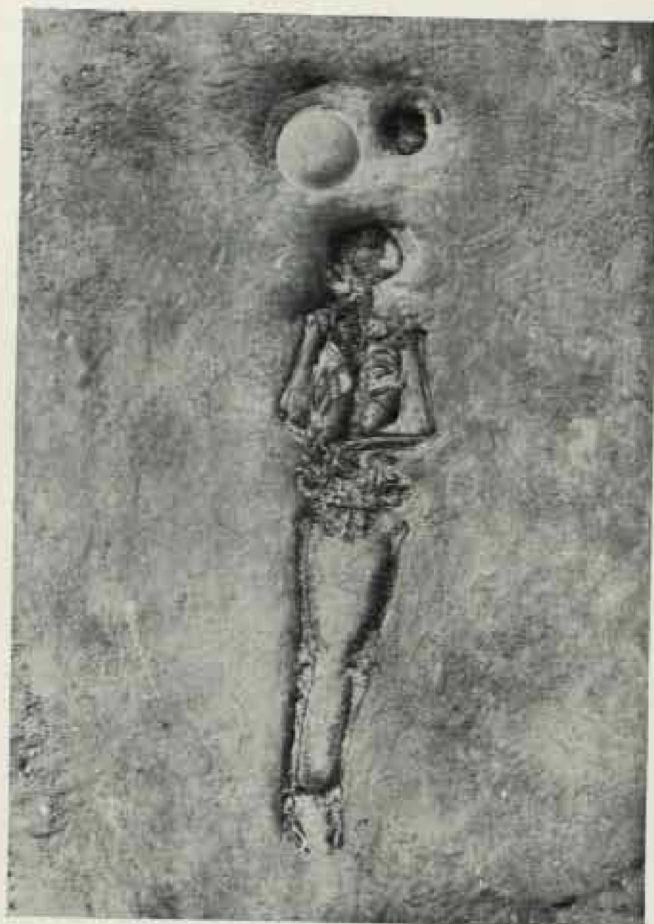
(d) BURIAL No. H 699.



(e) BURIAL No. H 485.



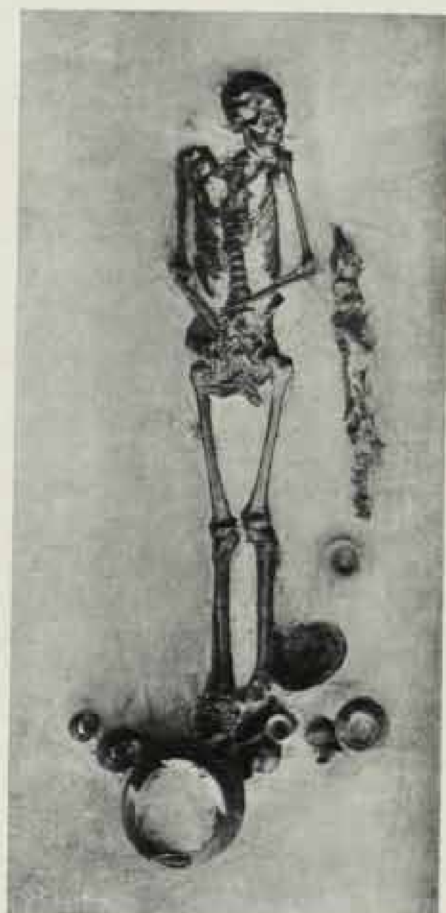
(f) BURIAL No. H 488.



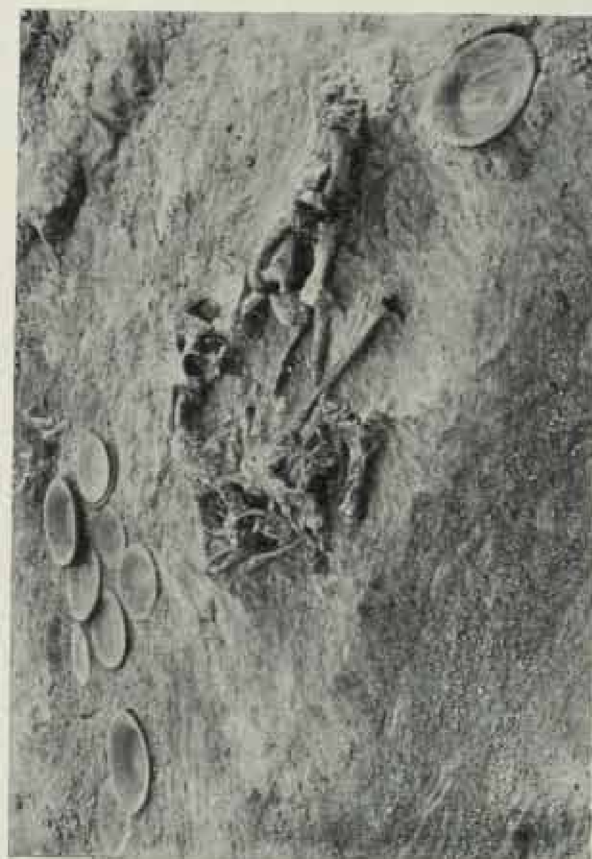
(*b*) BURIAL NO. H 306.



(*d*) BURIAL NO. H 307.



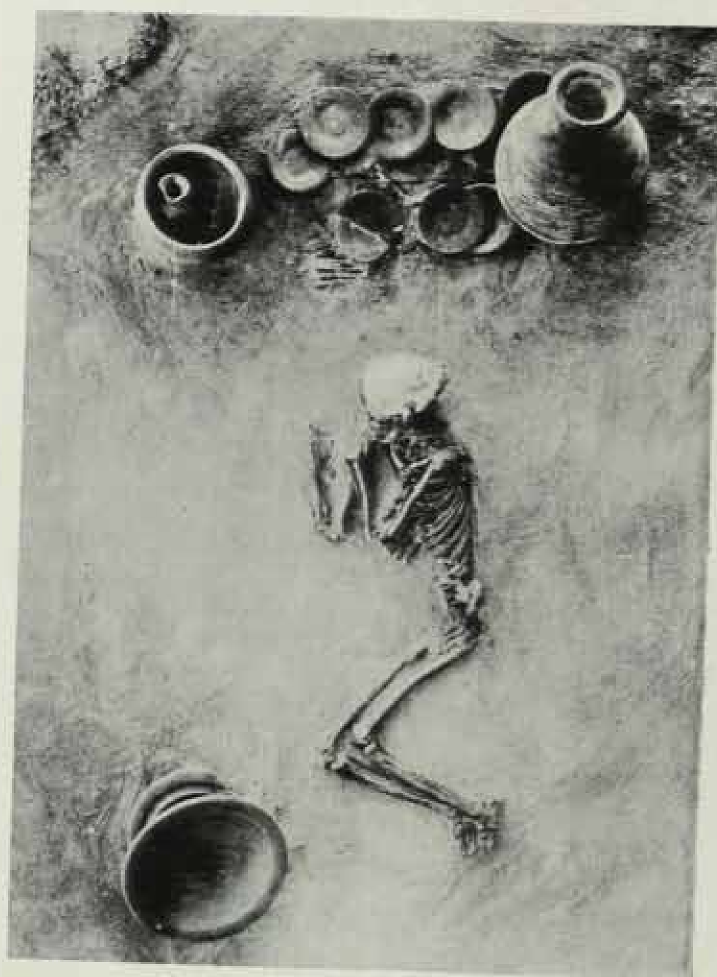
(*a*) BURIAL NO. H 698
WITH A SACRIFICED GOAT
TO RIGHT.



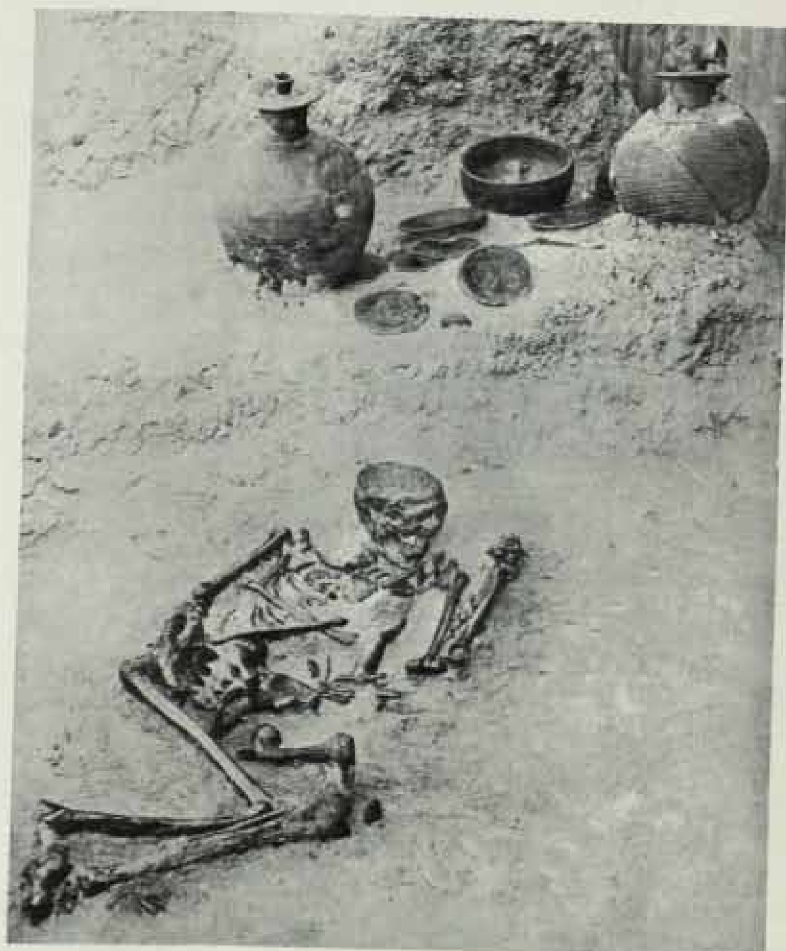
(*c*) BURIAL NO. H 184.



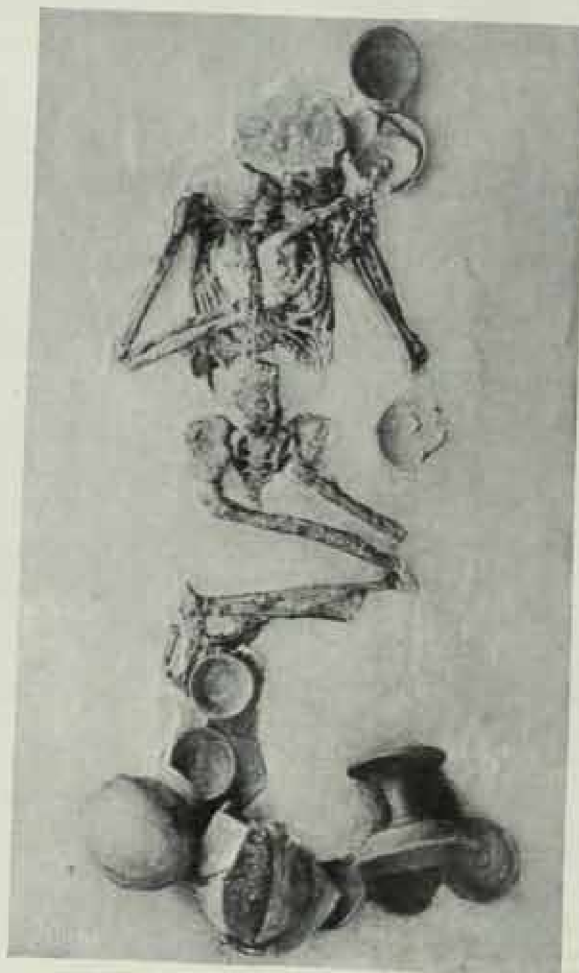
(a) BURIAL No. H 484.



(b) BURIAL No. H 501.



(c) BURIAL No. H 502.



(d) BURIAL No. H 697.





(*a*) CONTENTS OF THE BURIAL-POT No. H 245*a*.



(*b*) CONTENTS OF THE BURIAL-POT No. H 249.



(*c*) CONTENTS OF THE BURIAL-POT No. H 61.



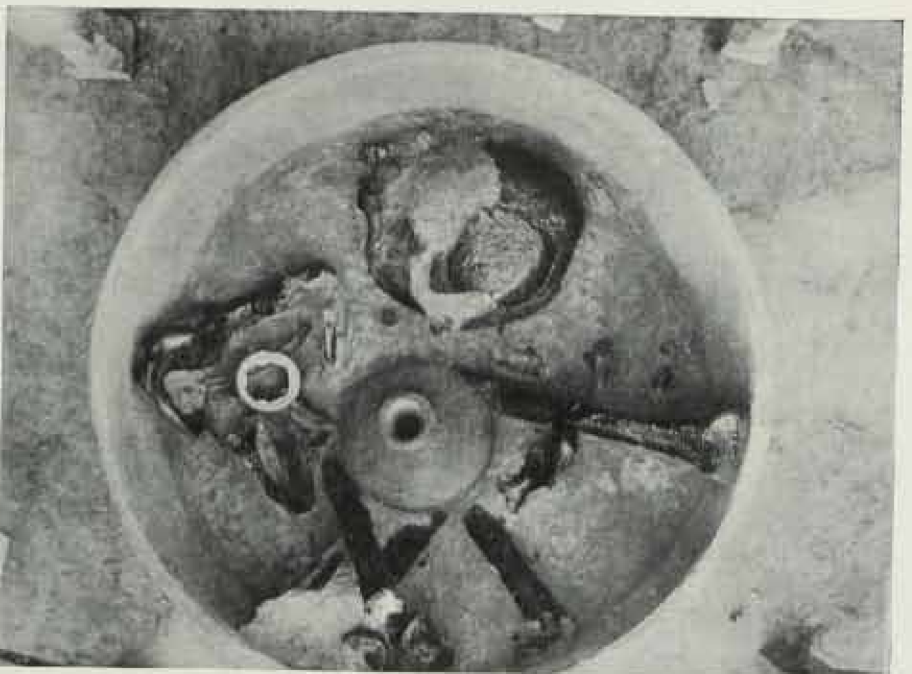
(*d*) CONTENTS OF THE BURIAL-POT No. H 206*a*.



(*e*) CONTENTS OF THE BURIAL-POT No. H 231.



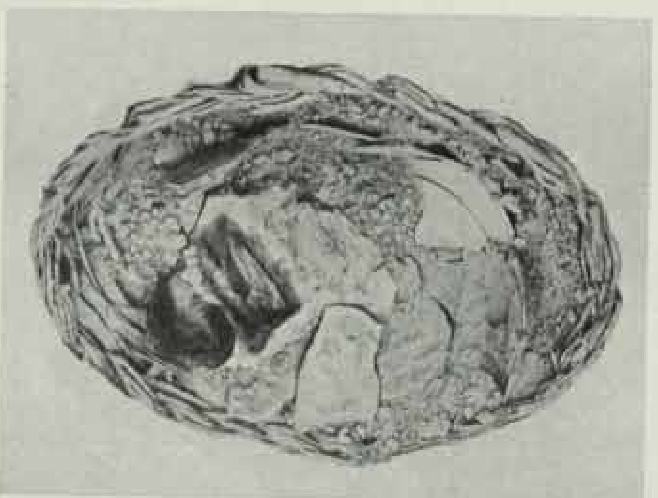
(*a*) Burial-pot No. H 231 containing only a child's skull.



(*b*) Contents of the burial-pot No. H 154*a* also showing a narrow-necked vase.



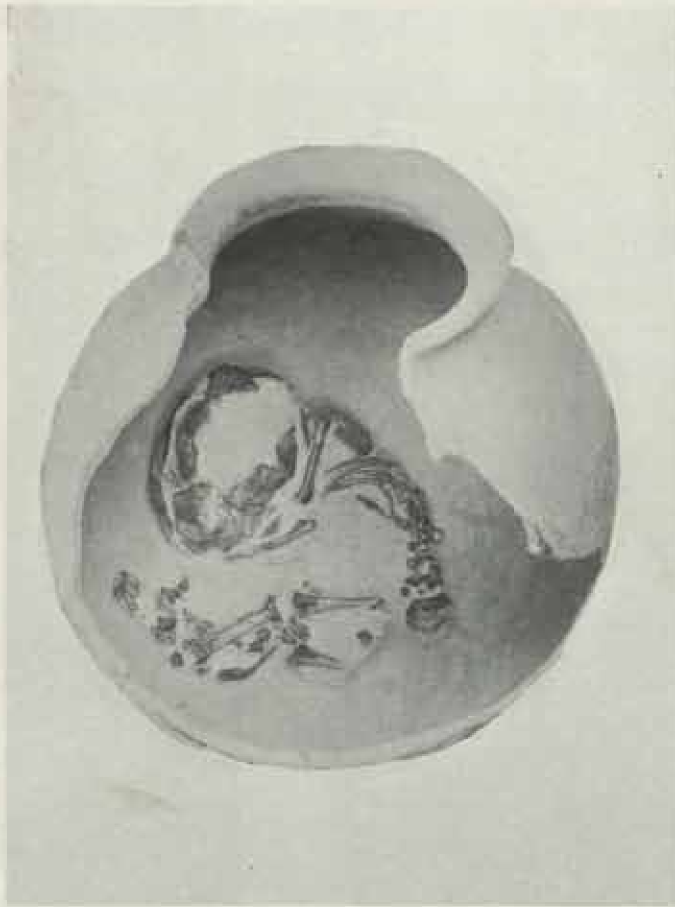
(*c*) Burial-pot No. H 245 containing only a part of a lower leg.



(*d*) Burial-pot No. H 153 containing only a child's skull.



(*e*) Pot-burial No. H 83 showing a baby in embryonic position.



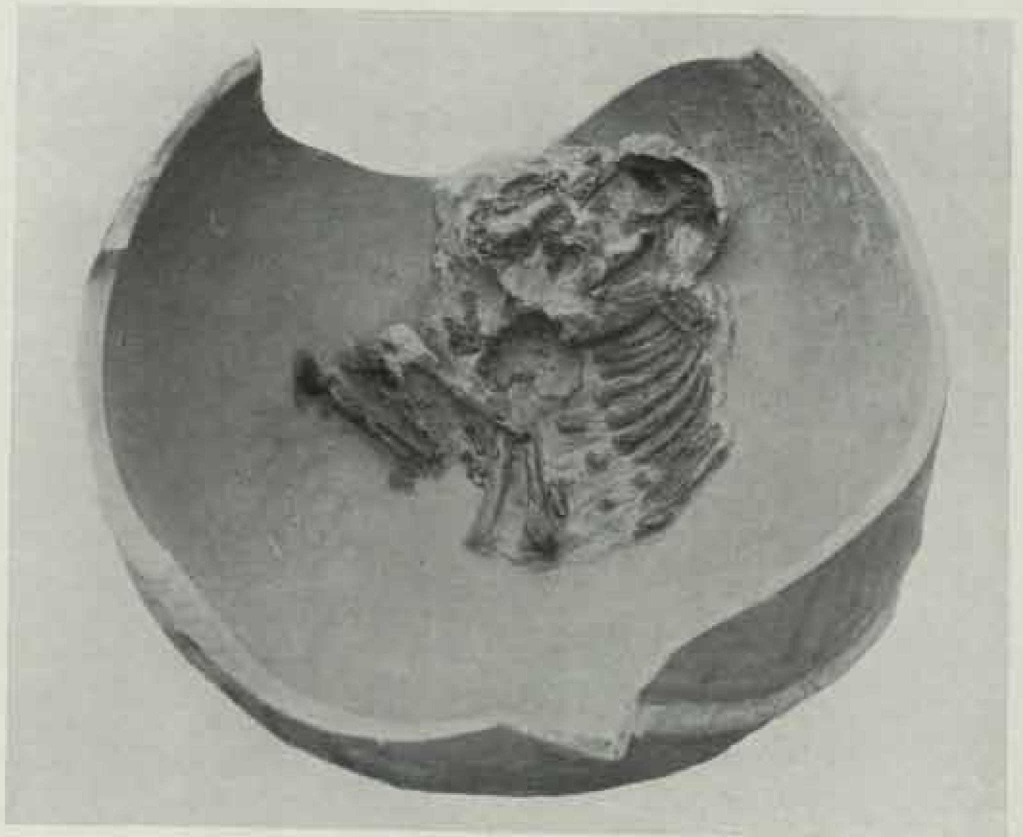
(*a*) POT-BURIAL NO. H165A CONTAINING A BABY IN EMBRYONIC POSITION.



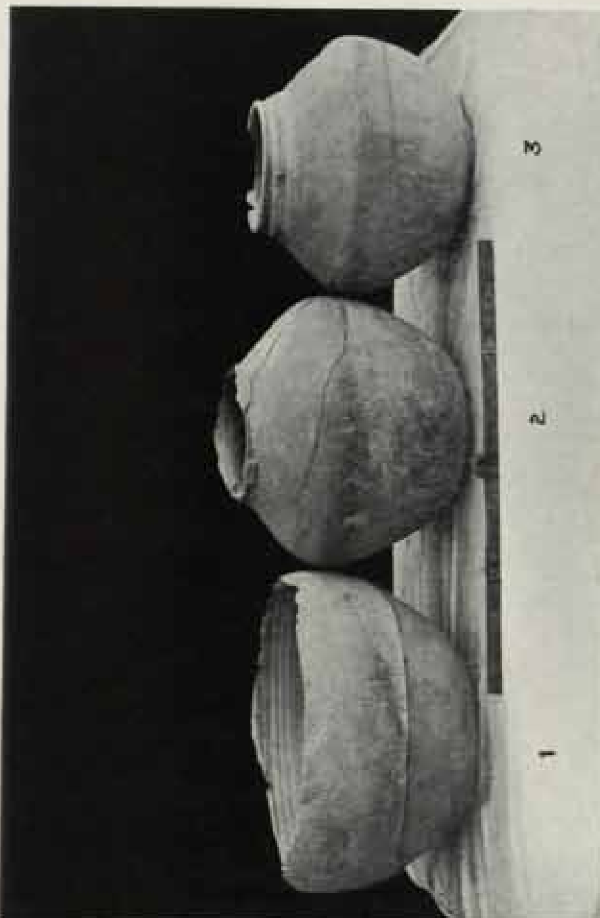
(*b*) POT-BURIAL NO. H622 CONTAINING A BABY IN EMBRYONIC POSITION.



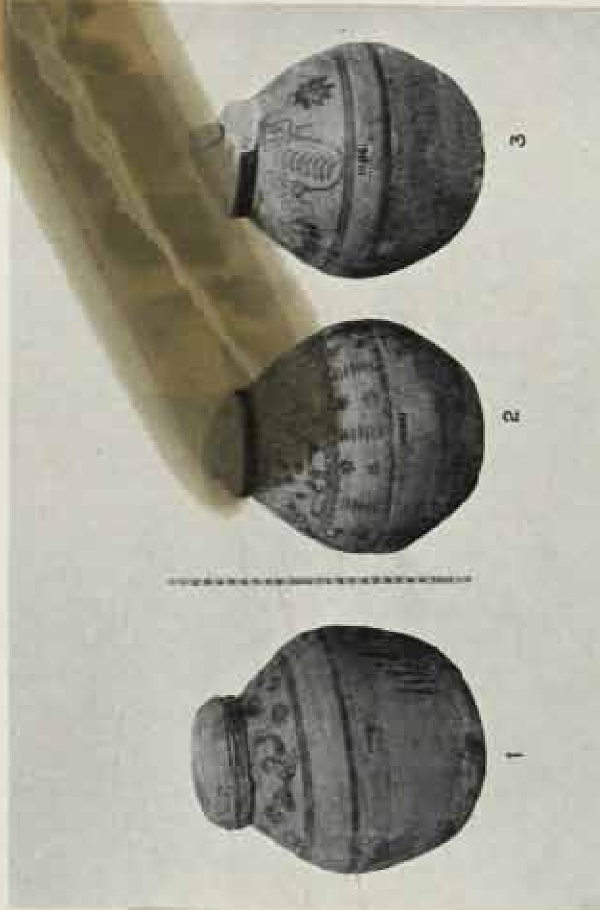
(*c*) POT-BURIAL NO. H679 CONTAINING A BABY IN EMBRYONIC POSITION.



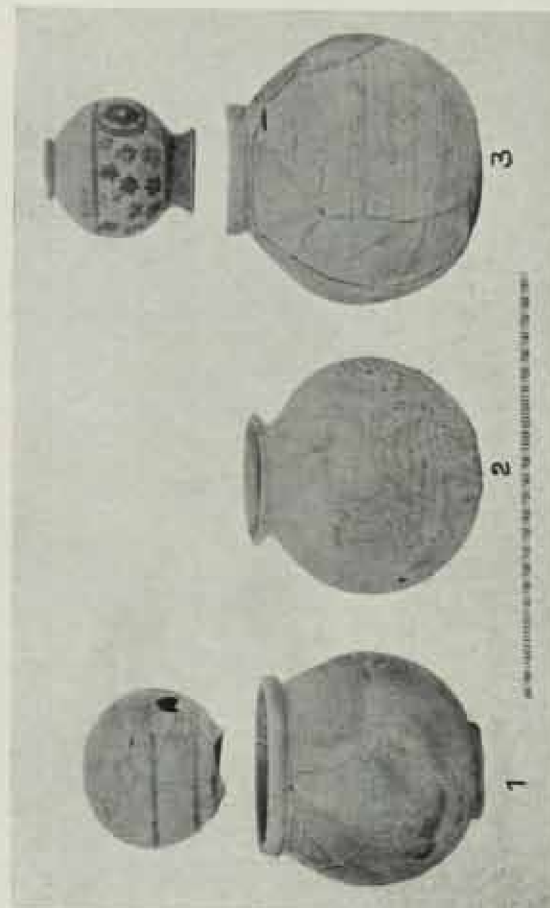
(*d*) POT-BURIAL NO. H148A CONTAINING A BABY IN EMBRYONIC POSITION.



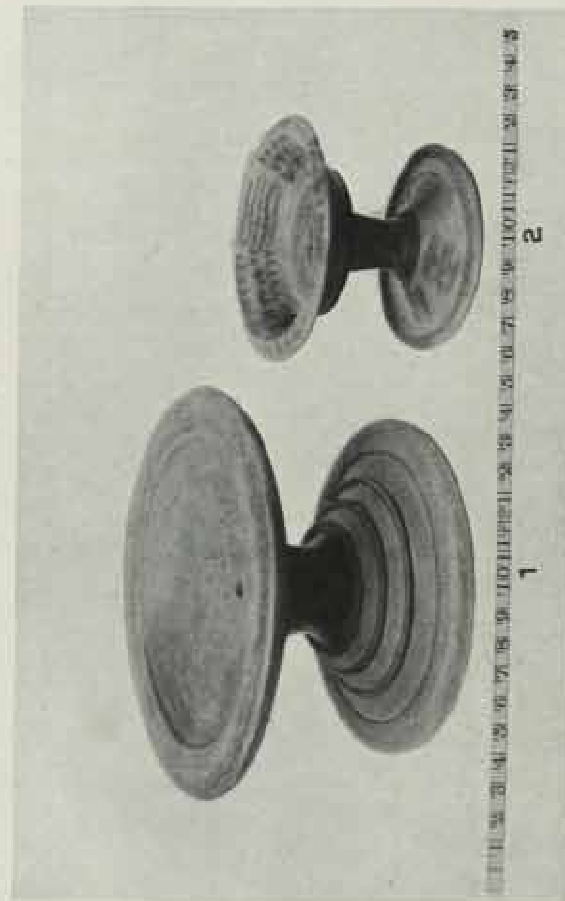
(*a*) The first pot-burials No. 3934 a to c.



(*b*) Pot-burials Nos. H 206 *a* and *b* and H 245 *k* painted with mythological scenes.



(*c*) Types of burial jars which contained babies in embryonic position.



(*d*) Types of burial food-plates from stratum II.



(*a*) AREA G, TRENCH III. GENERAL VIEW FROM SOUTH.



1 2 3 4 5 6 7 8 9

(*b*) CEMETERY H. FLASKS, ETC., MOSTLY OF STRATUM II.



1 2 3 4 5 6 7

(*c*) CEMETERY H. POTTERY OF STRATUM II.

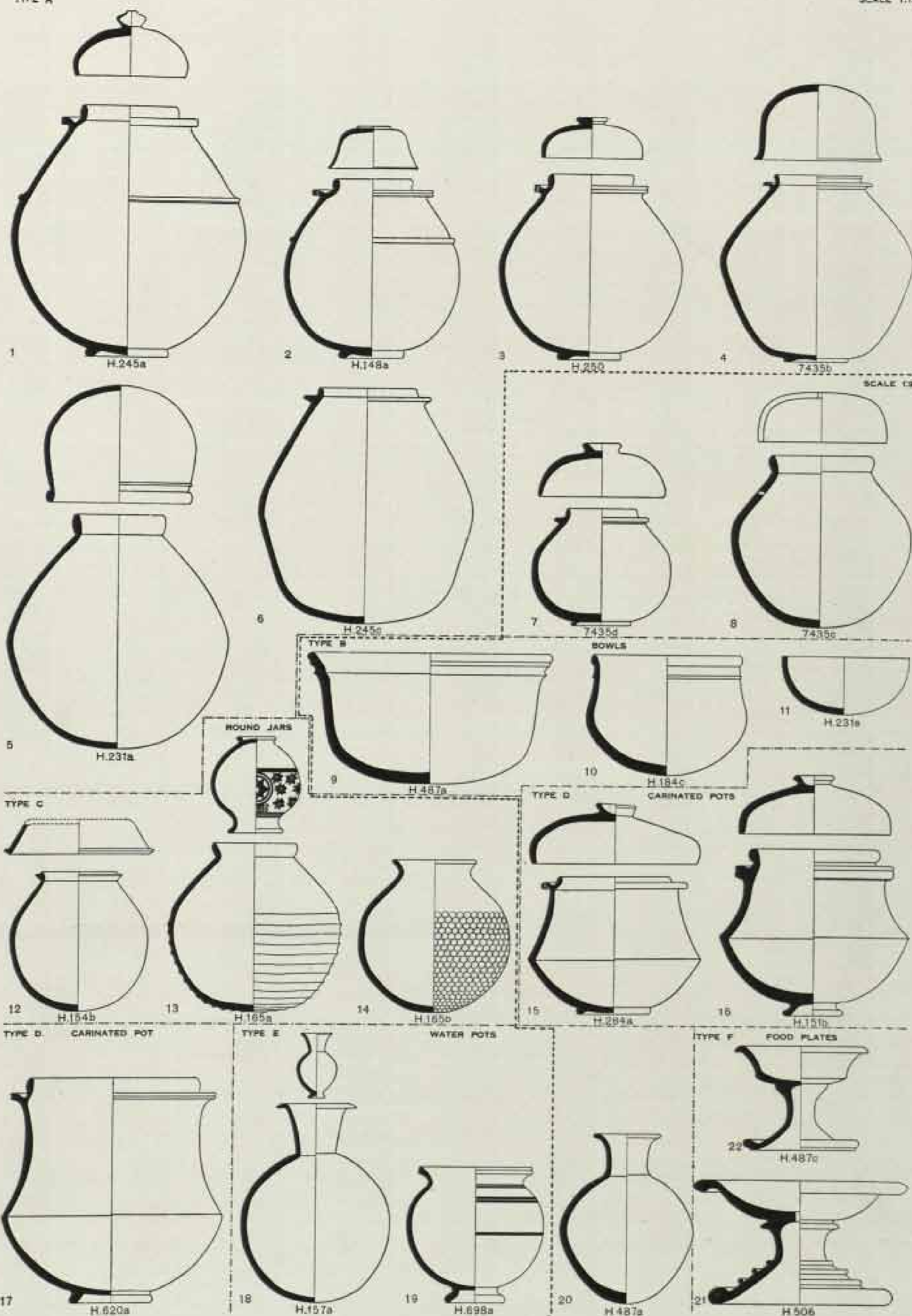
1 2 3 4 5

6 7 8 9 10

(*a*) TYPES OF BURIAL-POTS OF STRATUM I WITH THEIR COVERS.



(*b*) TYPES OF POTTERY FOUND WITH EARTH-BURIALS OF STRATUM II.


TYPE A
SCALE 1:12
1 H.245a
2 H.148a
3 H.250
4 7435b
SCALE 1:9
5 H.231a
6 H.245c
7 7435d
8 7435c
TYPE B
BOWLS
9 H.487a
10 H.184c
11 H.231a
ROUND JARS
TYPE C
12 H.154b
13 H.165a
14 H.165b
TYPE D CARINATED POTS
15 H.284a
16 H.151b
TYPE D. CARINATED POT
17 H.620a
TYPE E WATER POTS
18 H.157a
19 H.698a
20 H.487a
TYPE F FOOD PLATES
22 H.487c
21 H.506

SCALE 1:6

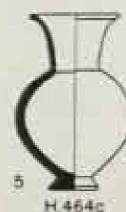
TYPE G


1 H.132


2 H.184b


3 H.62a


4 H.164

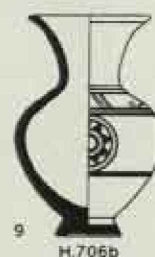

5 H.464c

SCALE 1:4


6 H.484c

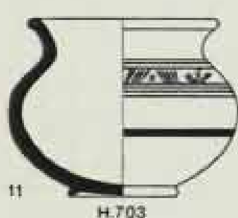

7 H.62b.


8 H.165a


9 H.706b

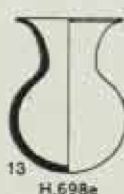

10 H.701

TYPE H WATER POTS

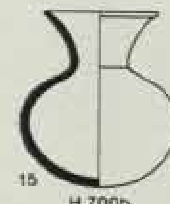

11 H.703

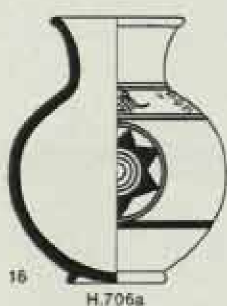

12 H.696a

TYPE I ROUND VASES


13 H.698e


14 H.702c


15 H.700b

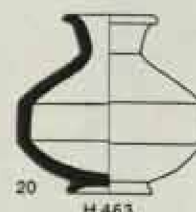

16 H.706a


17 H.702b

TYPE J MISCELLANEOUS VASES


18 H.484b


19 H.231f

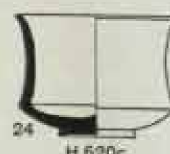

20 H.463

TYPE K SAUCERS


21 H.184h


22 H.63b


23 H.486b


24 H.620c

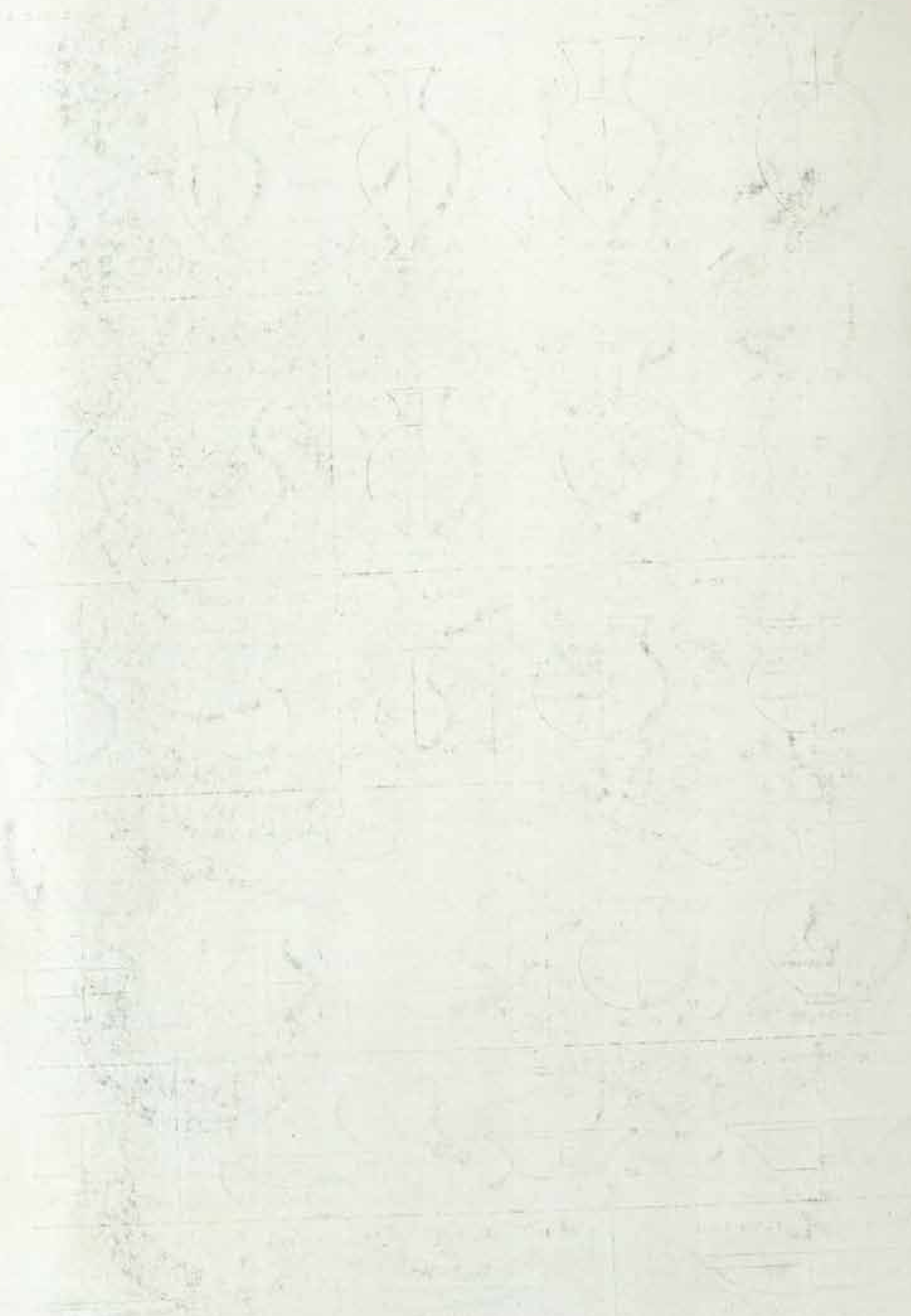
TYPE L PLAIN DISH

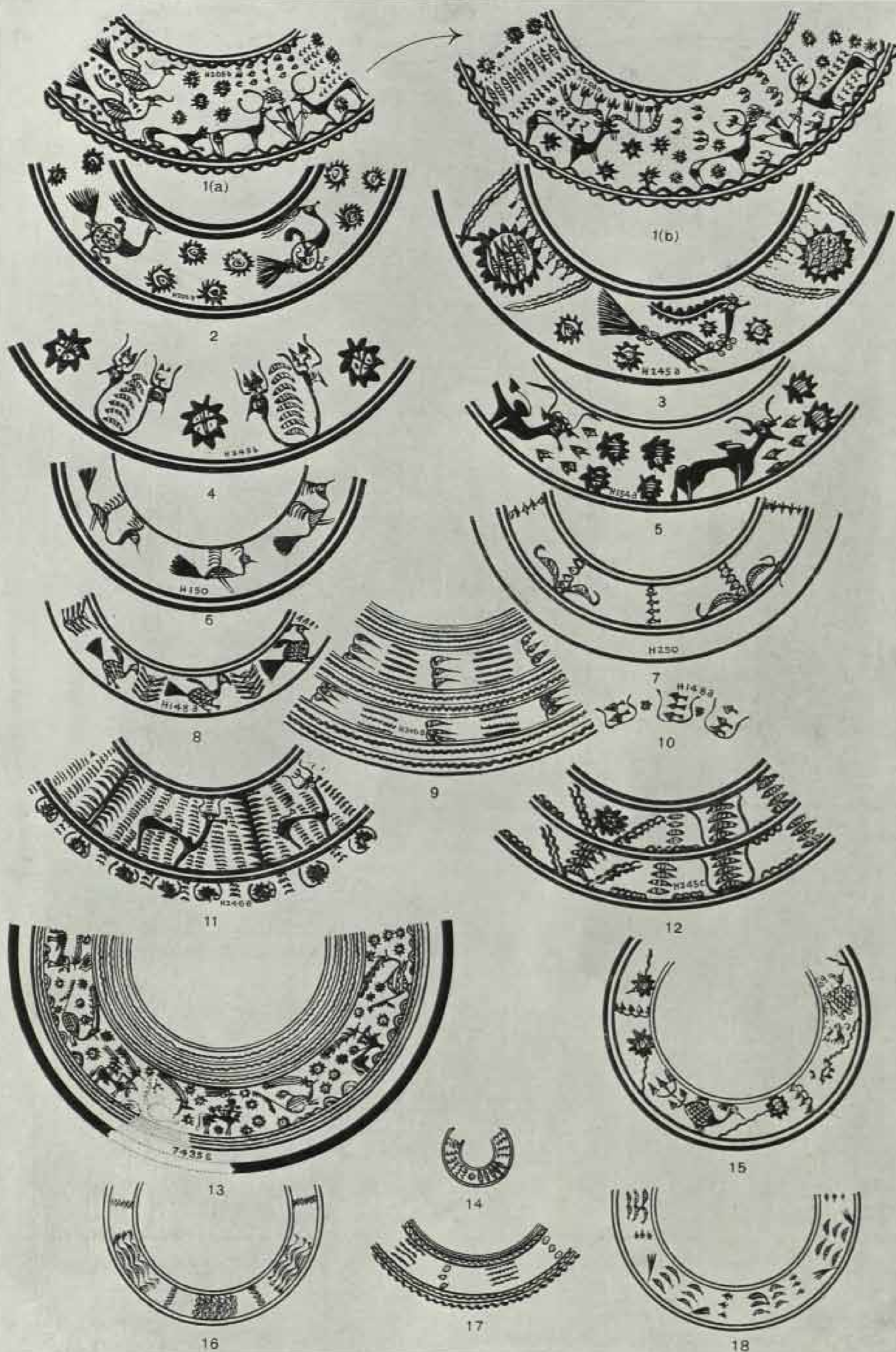

25 H.700a

TYPE M FLAT COVERS

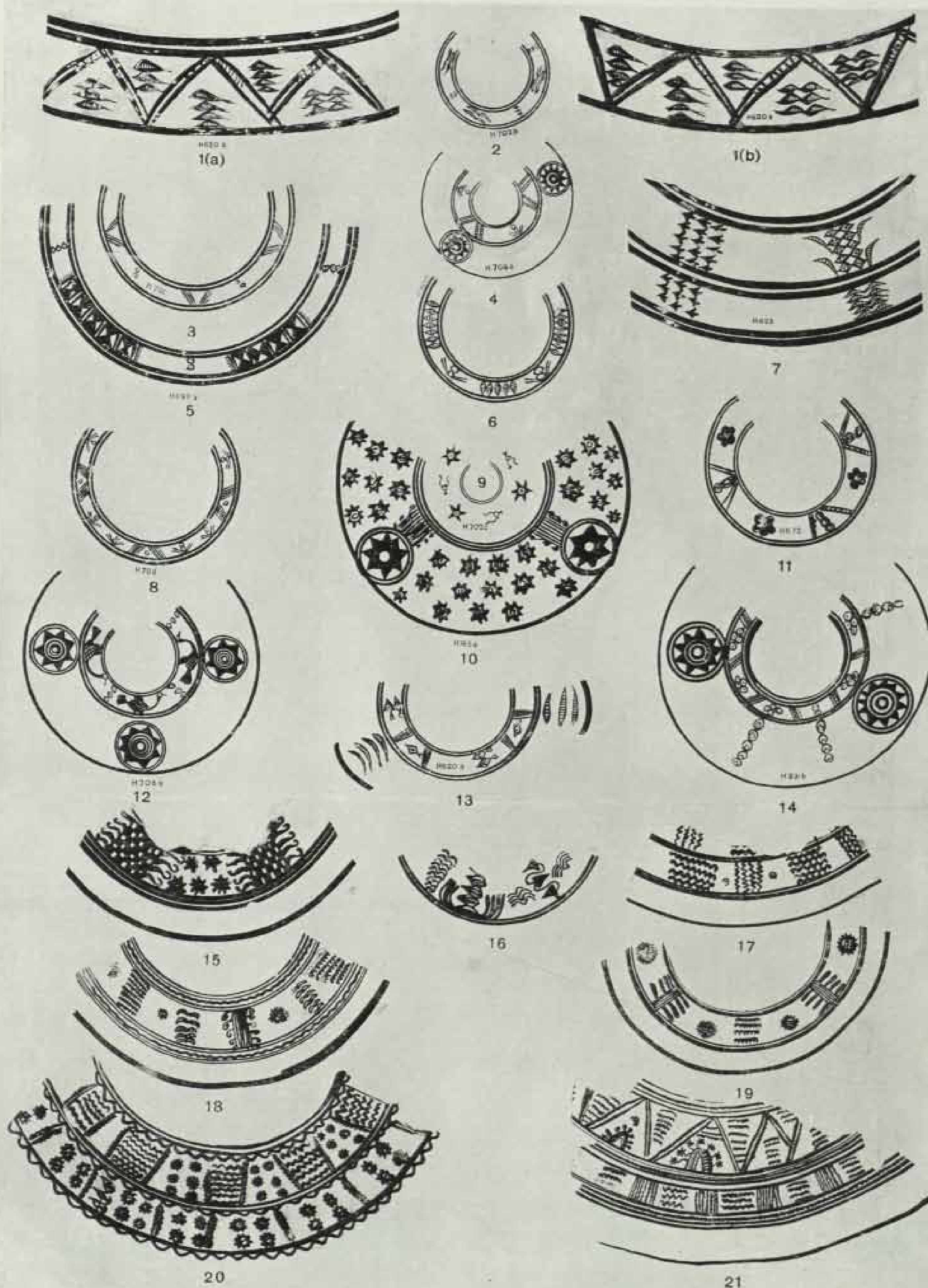

26 H.486b


27 H.501c

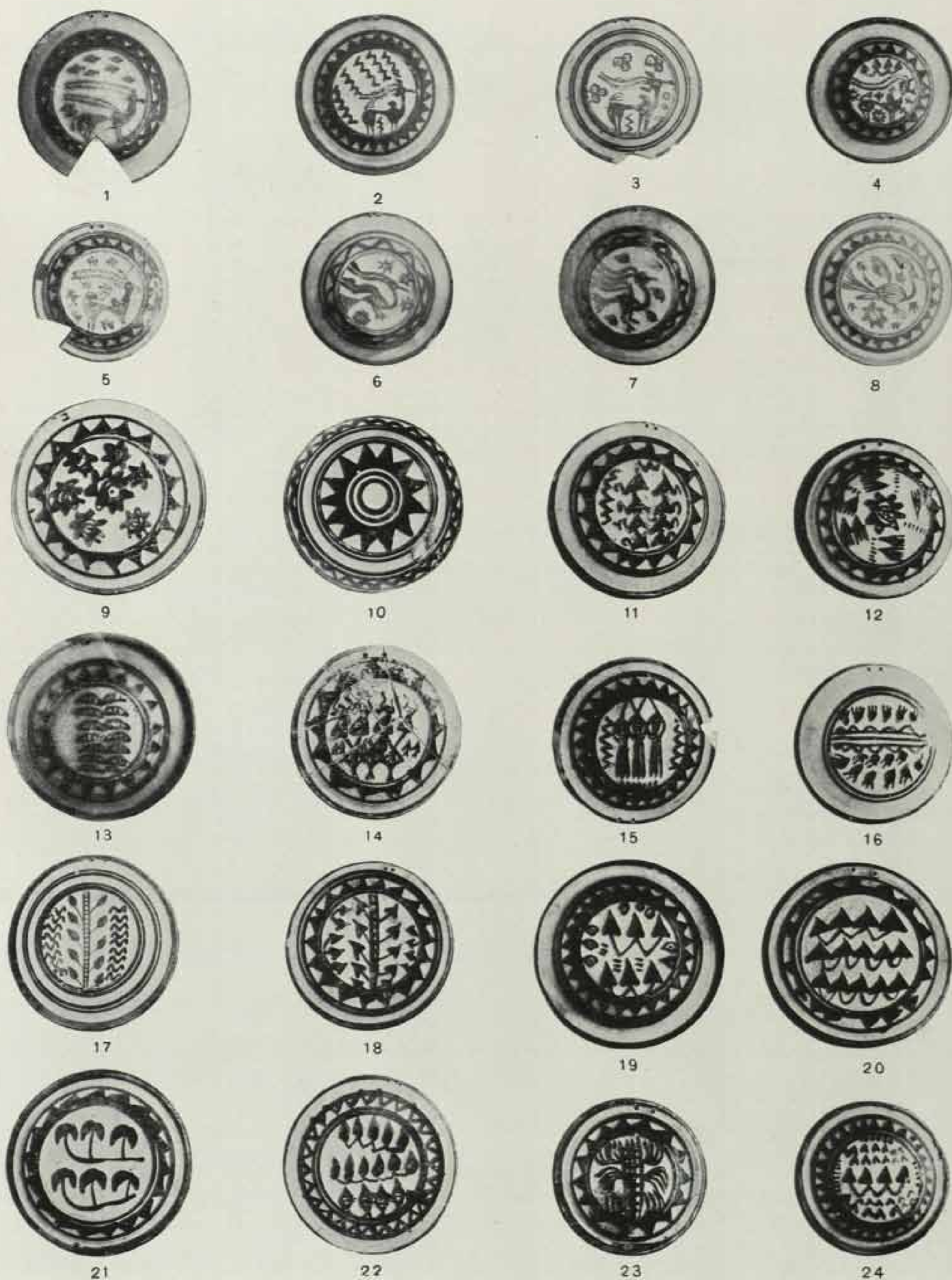




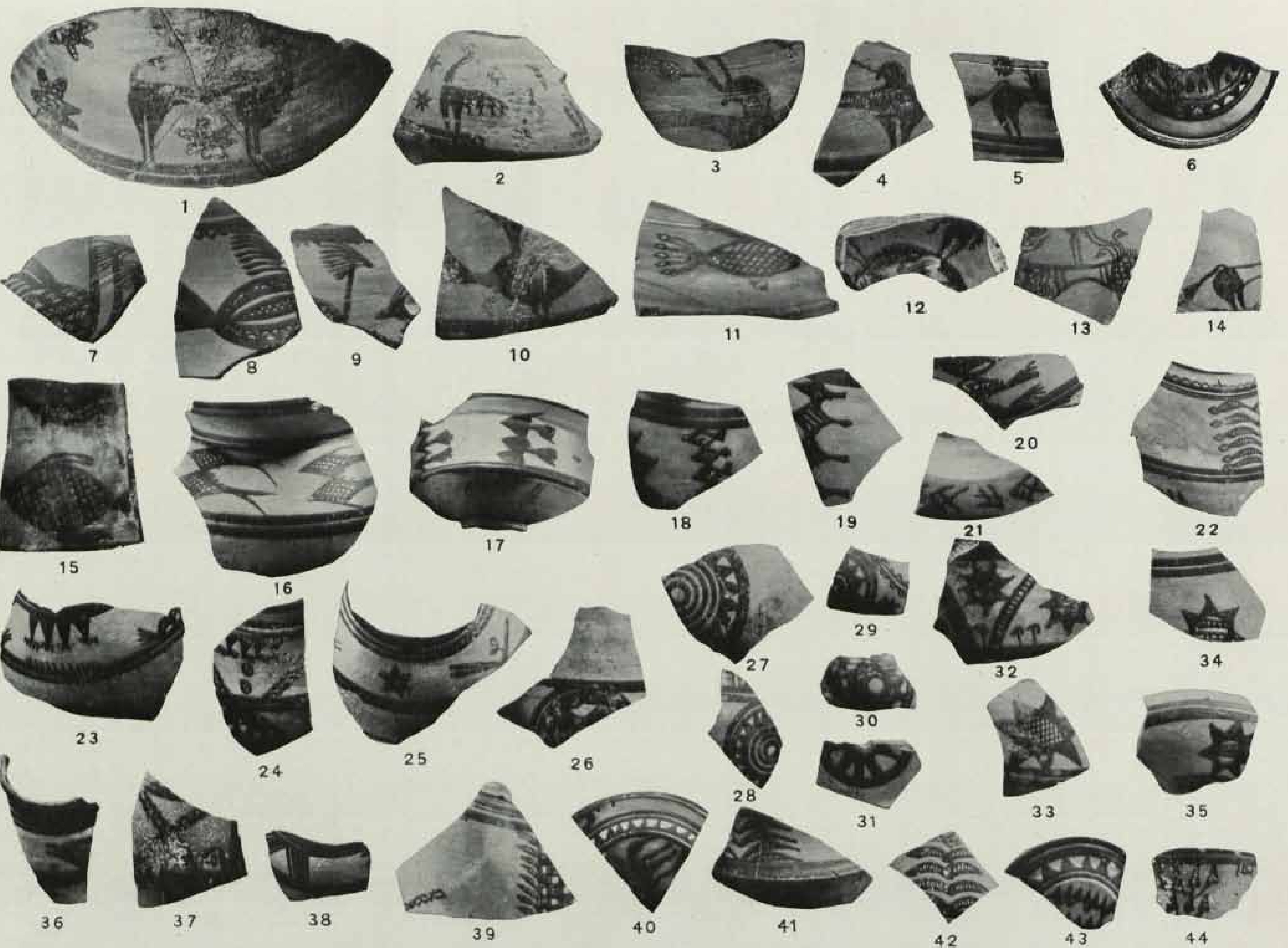
CEMETERY H. PAINTINGS ON BURIAL JARS.



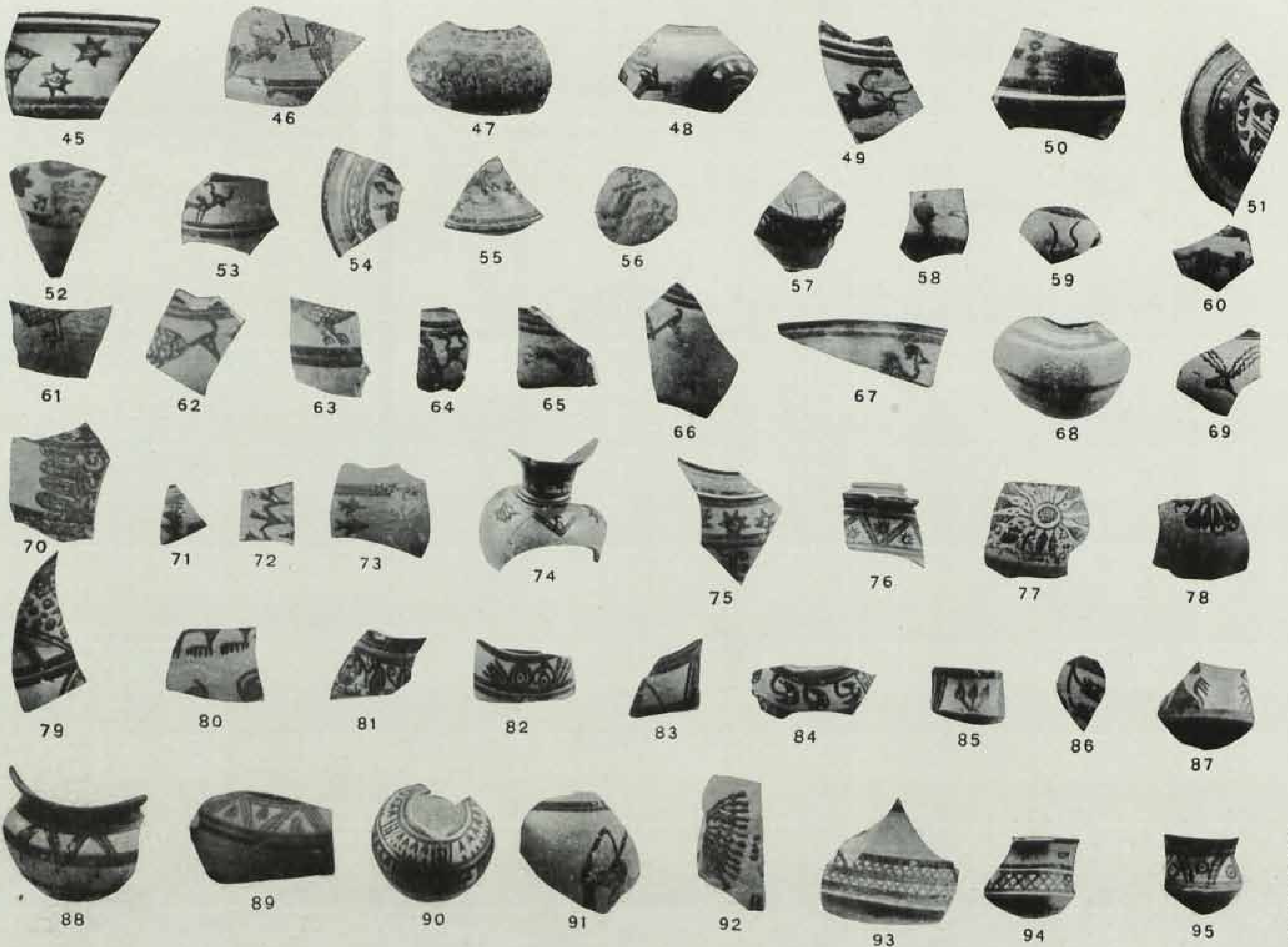
CEMETERY H. PAINTINGS ON BURIAL JARS.



CEMETERY H. PAINTINGS ON THE UNDERSIDE OF FLAT COVERS FROM STRATUM II.

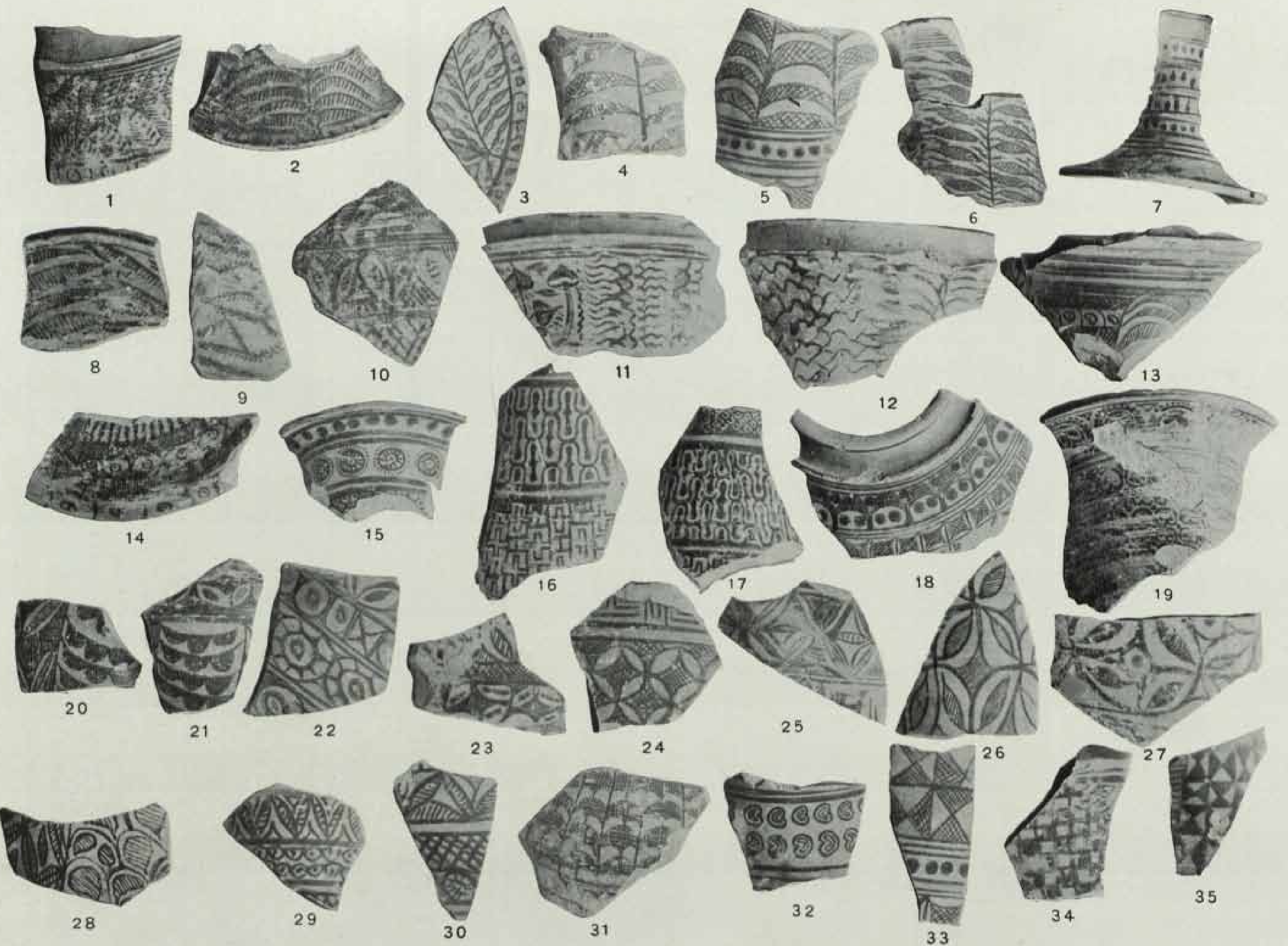


PAINTED SHERDS FROM MOUNDS TYPICAL OF BURIAL POTTERY.

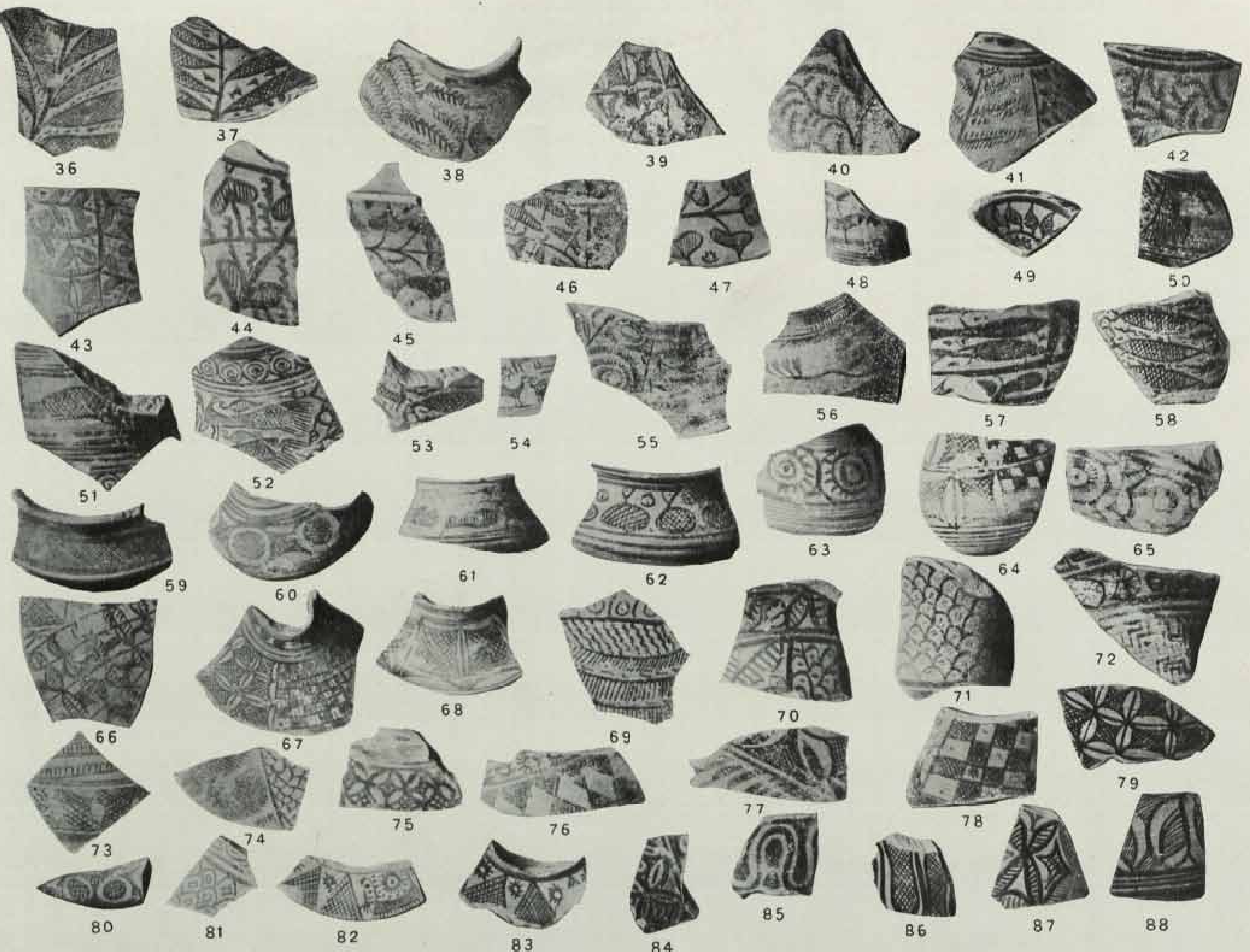


PAINTED SHERDS FROM MOUNDS TYPICAL OF BURIAL POTTERY.

PLATE LXVII.

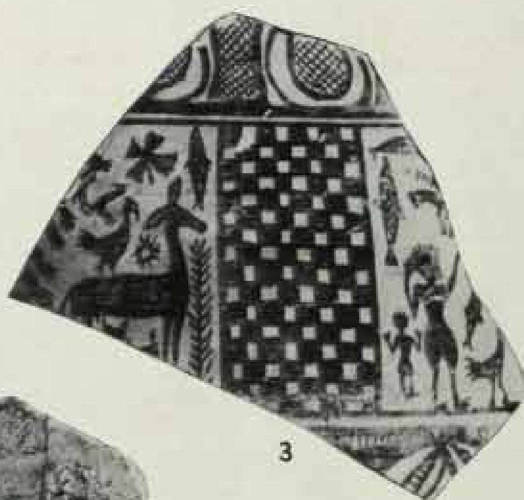


PAINTED SHERDS FROM MOUNDS TYPICAL OF HOUSEHOLD VESSELS.

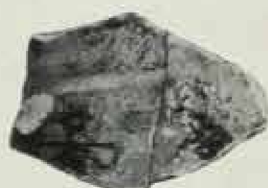


PAINTED SHERDS FROM MOUNDS TYPICAL OF HOUSEHOLD VESSELS.


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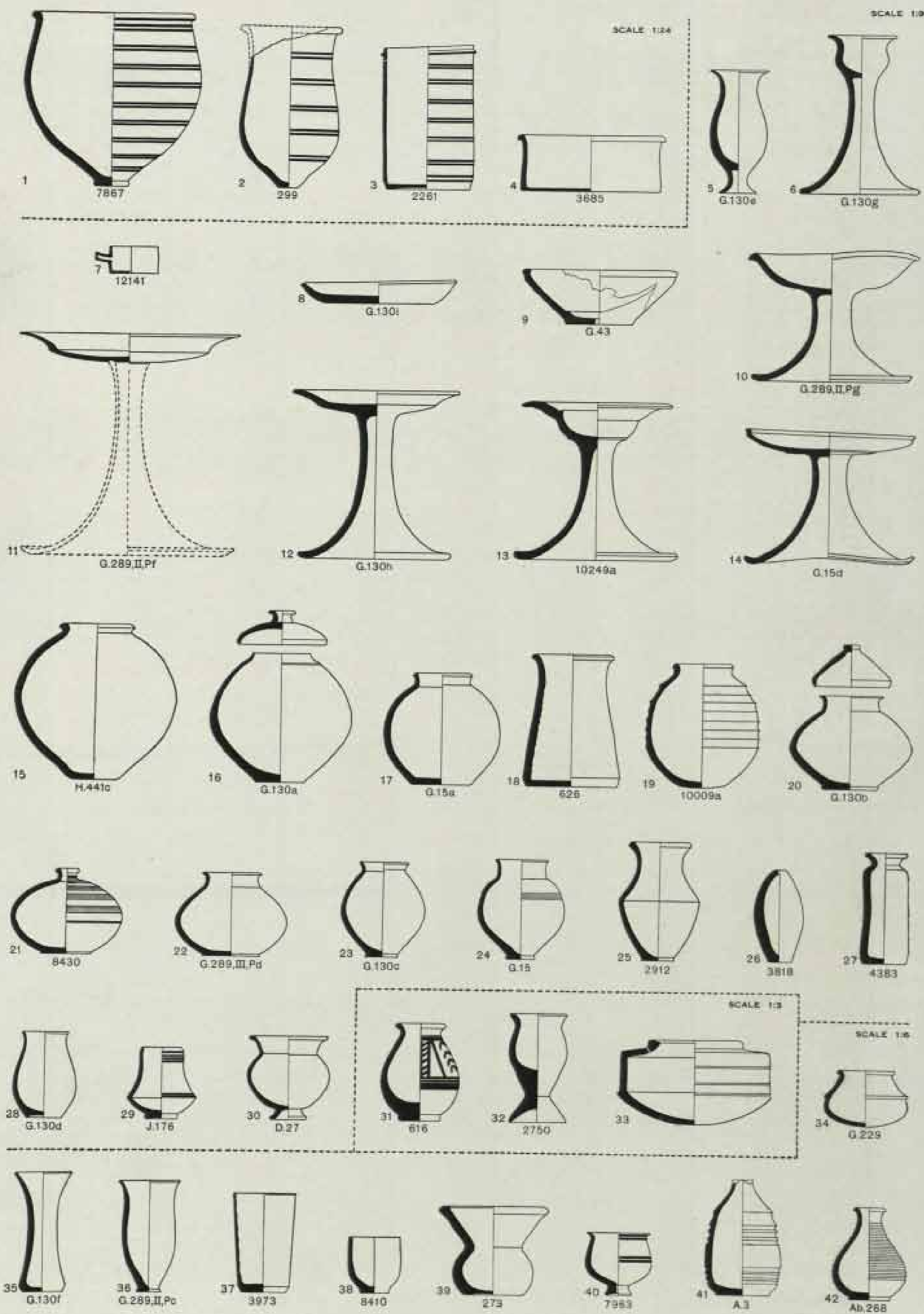

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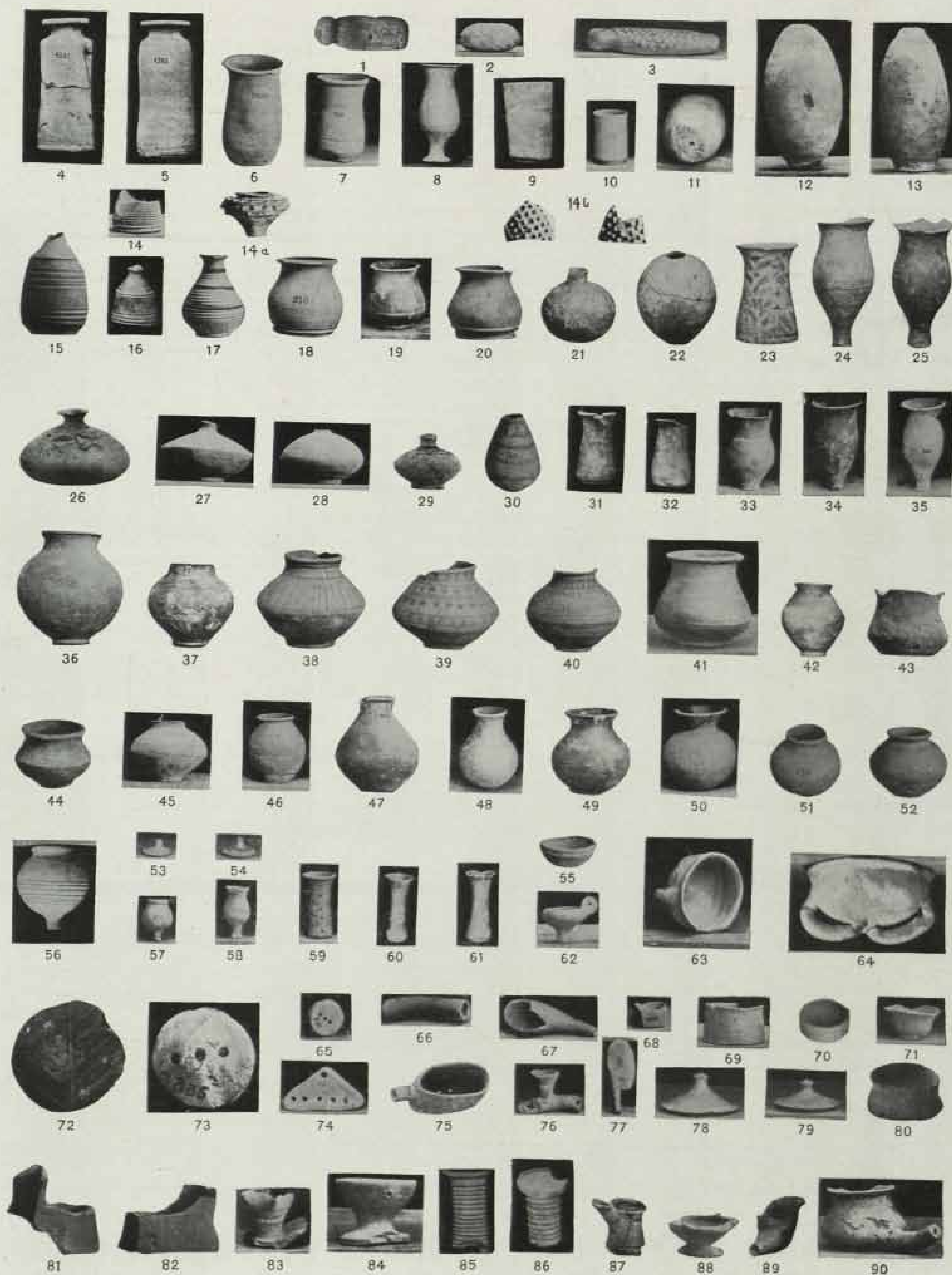

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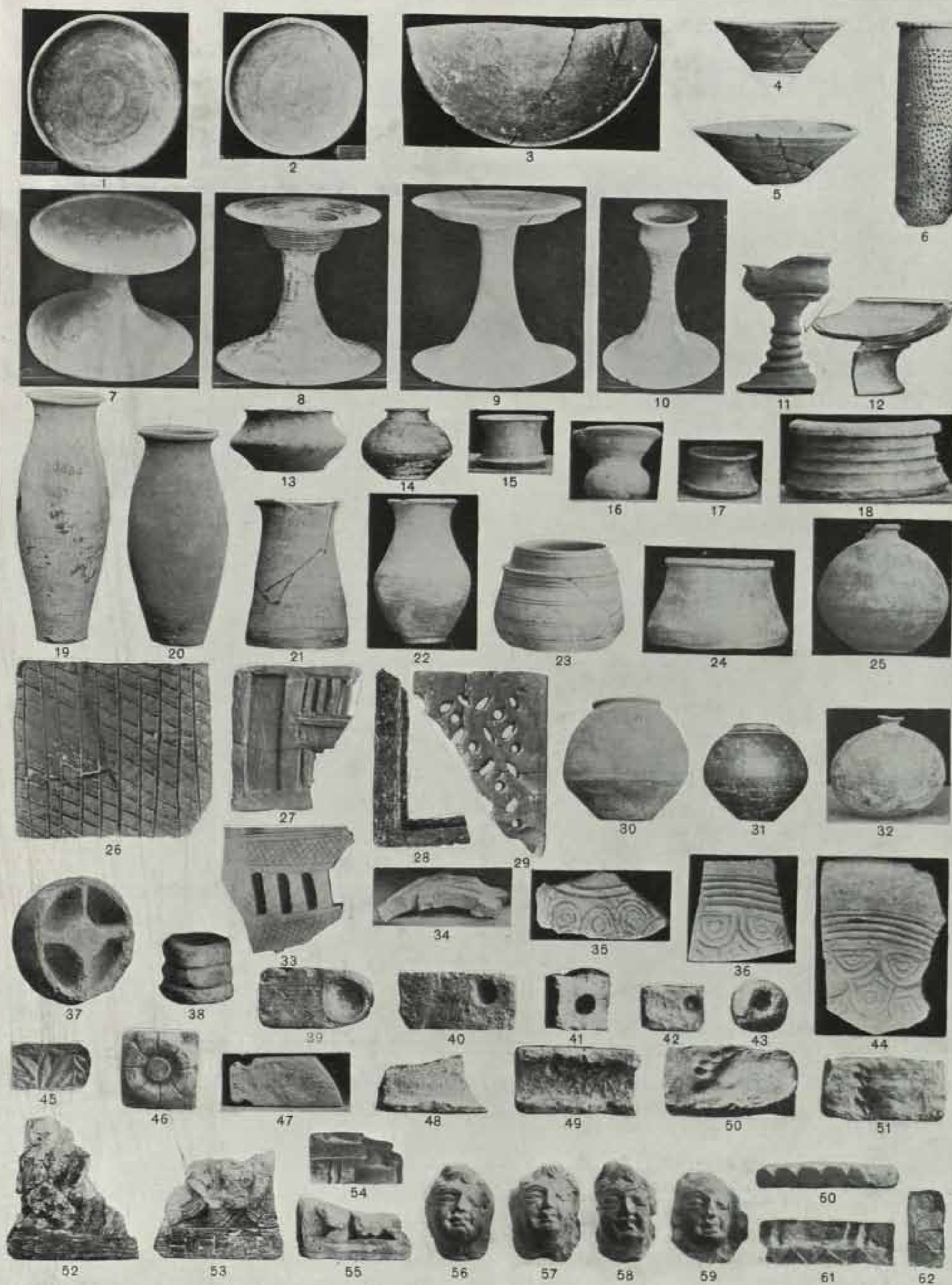

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PAINTED POTTERY FROM THE MOUNDS.

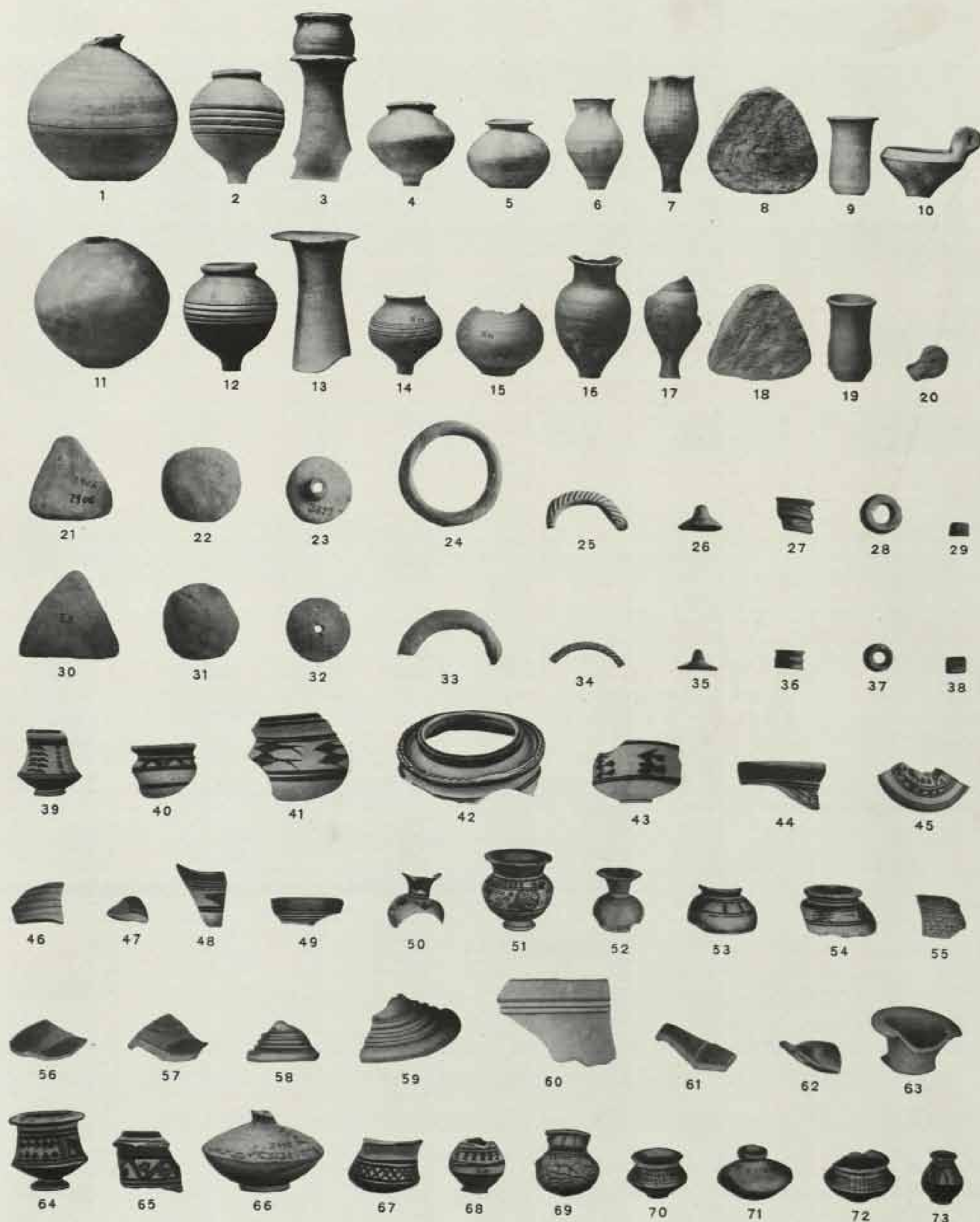

SCALE 1:24
SCALE 1:9
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5 G.130e
6 G.130g
7 12141
8 G.130i
9 G.43
10 G.289,II,Pg
11 G.289,II,Pf
12 G.130h
13 10249a
14 G.15d
15 H.441c
16 G.130a
17 G.15a
18 626
19 10009a
20 G.130b
21 8430
22 G.289,III,Pd
23 G.130c
24 G.15
25 2912
26 3818
27 4383
SCALE 1:3
SCALE 1:6
28 G.130d
29 J.176
30 D.27
31 616
32 2750
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34 G.229
35 G.130f
36 G.289,II,Pc
37 3973
38 8410
39 273
40 7963
41 A.3
42 Ab.268



MISCELLANEOUS POTTERY.



VESSELS AND MISCELLANEOUS OBJECTS OF TERRACOTTA.



MISCELLANEOUS OBJECTS FROM HARAPPA AND KOTLA NIHANG, AND POTTERY TYPICAL OF CEMETERY H FROM HARAPPA.

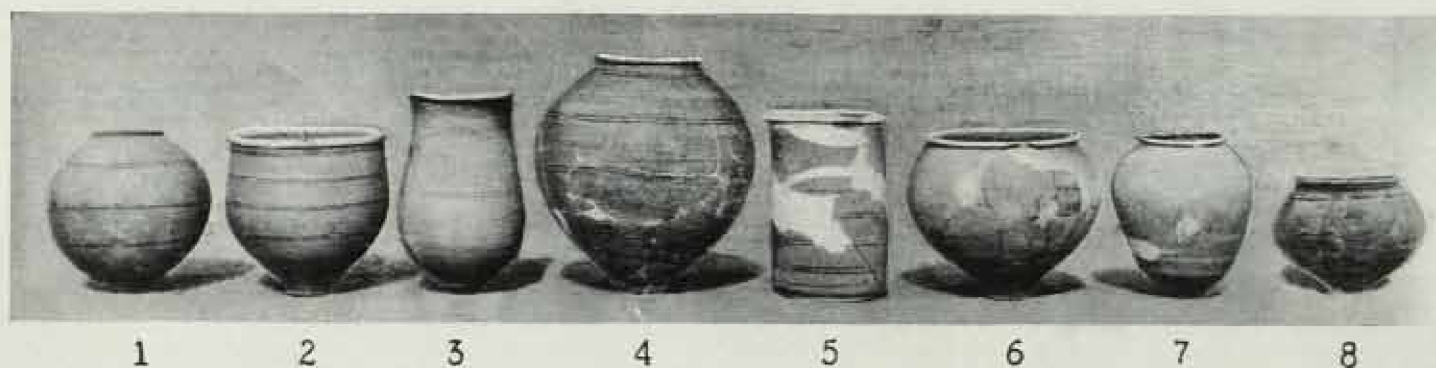


(*a*) COMMON TYPES OF HOUSEHOLD JARS FROM HARAPPA.

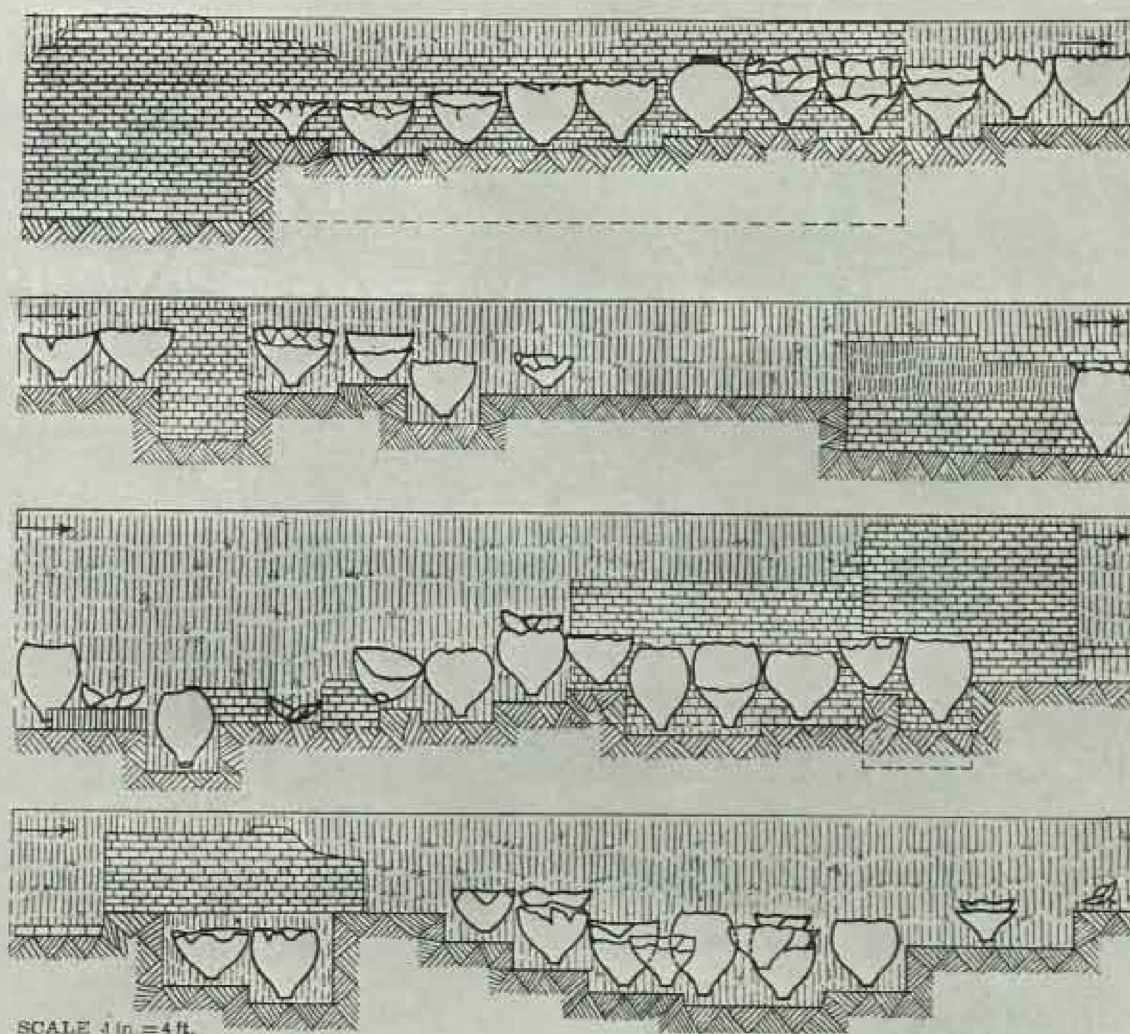
(*c*) POTTERY OBJECTS.

(*b*) MISCELLANEOUS OBJECTS FROM CHAK PURBANE SIYAL.

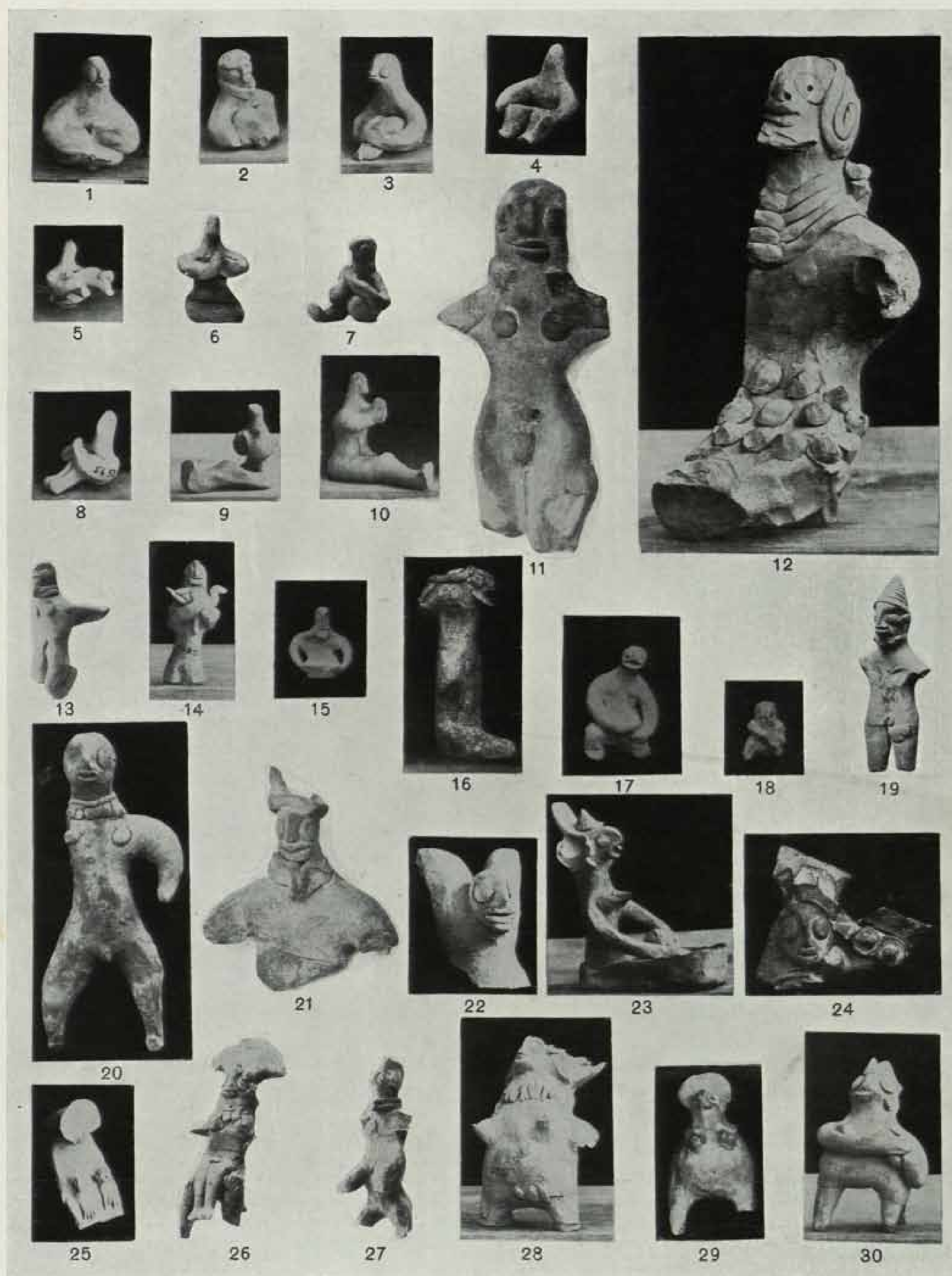
(*c*) POTTERY OBJECTS.



(*a*) COMMON TYPES OF POST-CREMATION URNS.



MOUND AB, TRENCH AT THE SOUTHERN EDGE.
ROW OF POST-CREMATION URNS, LOOKING SOUTH.



TERRACOTTA HUMAN FIGURINES.


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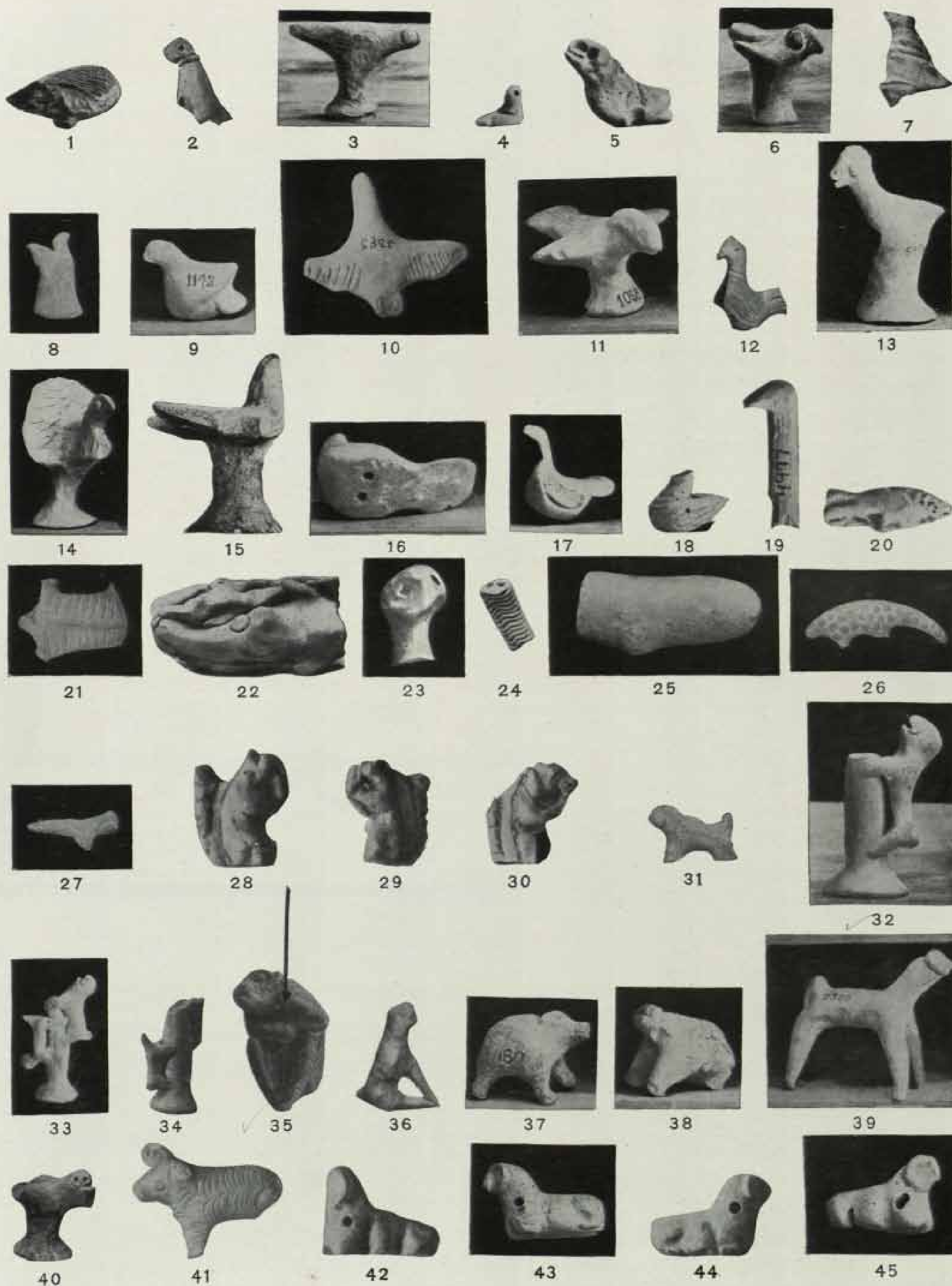

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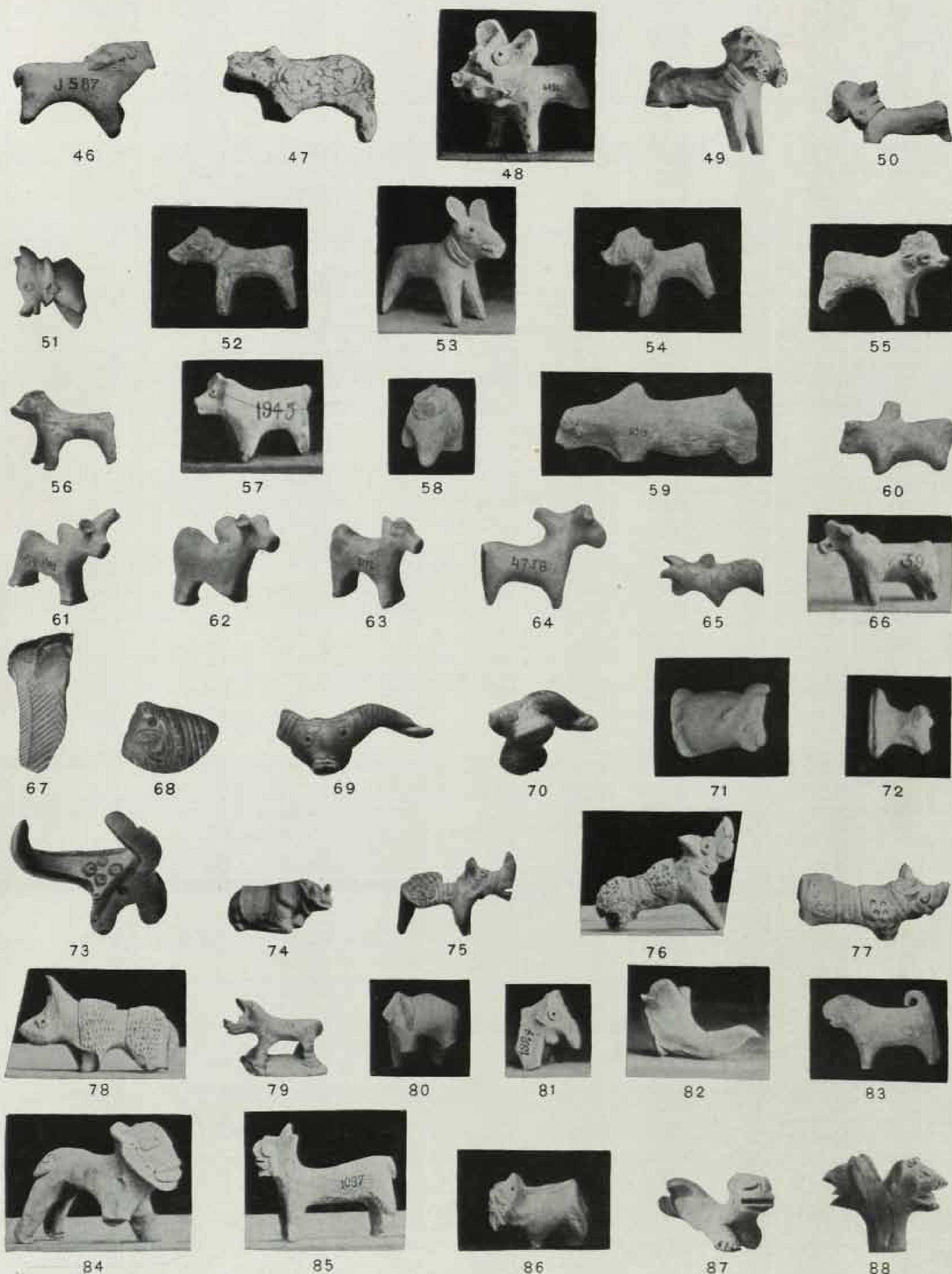

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Terracotta Human Figurines.



ANIMAL FIGURINES OF TERRACOTTA, FAIENCE, STONE, ETC.



ANIMAL FIGURINES OF TERRACOTTA, FAIENCE, STONE, ETC.



(*a*)



(*b*)



(*c*)



(*d*)

STATUETTE OF RED SANDSTONE No. 9042 FROM TRENCH IV.



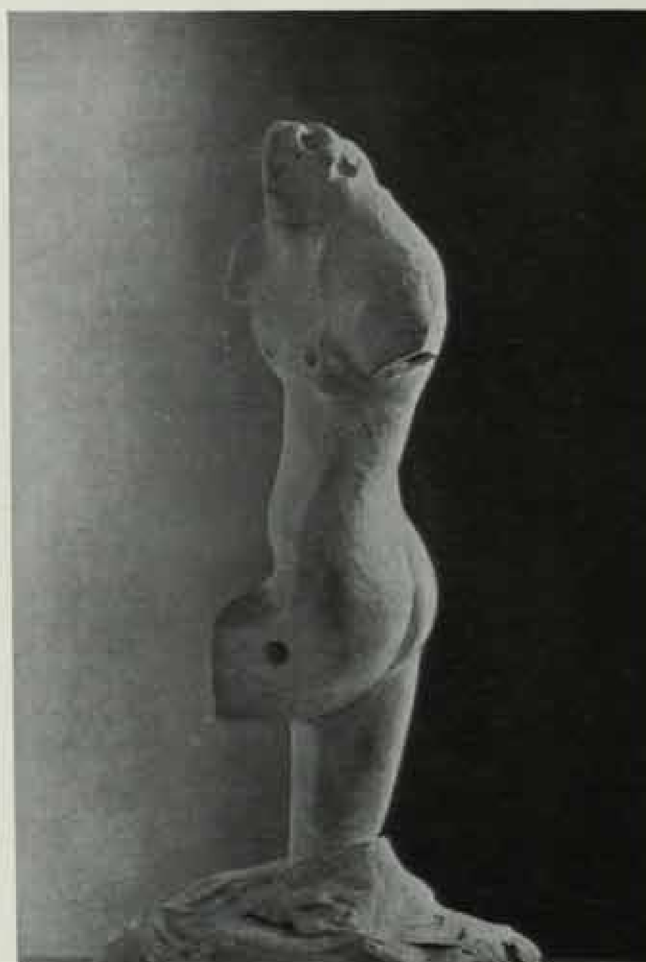
(*a*)



(*b*)

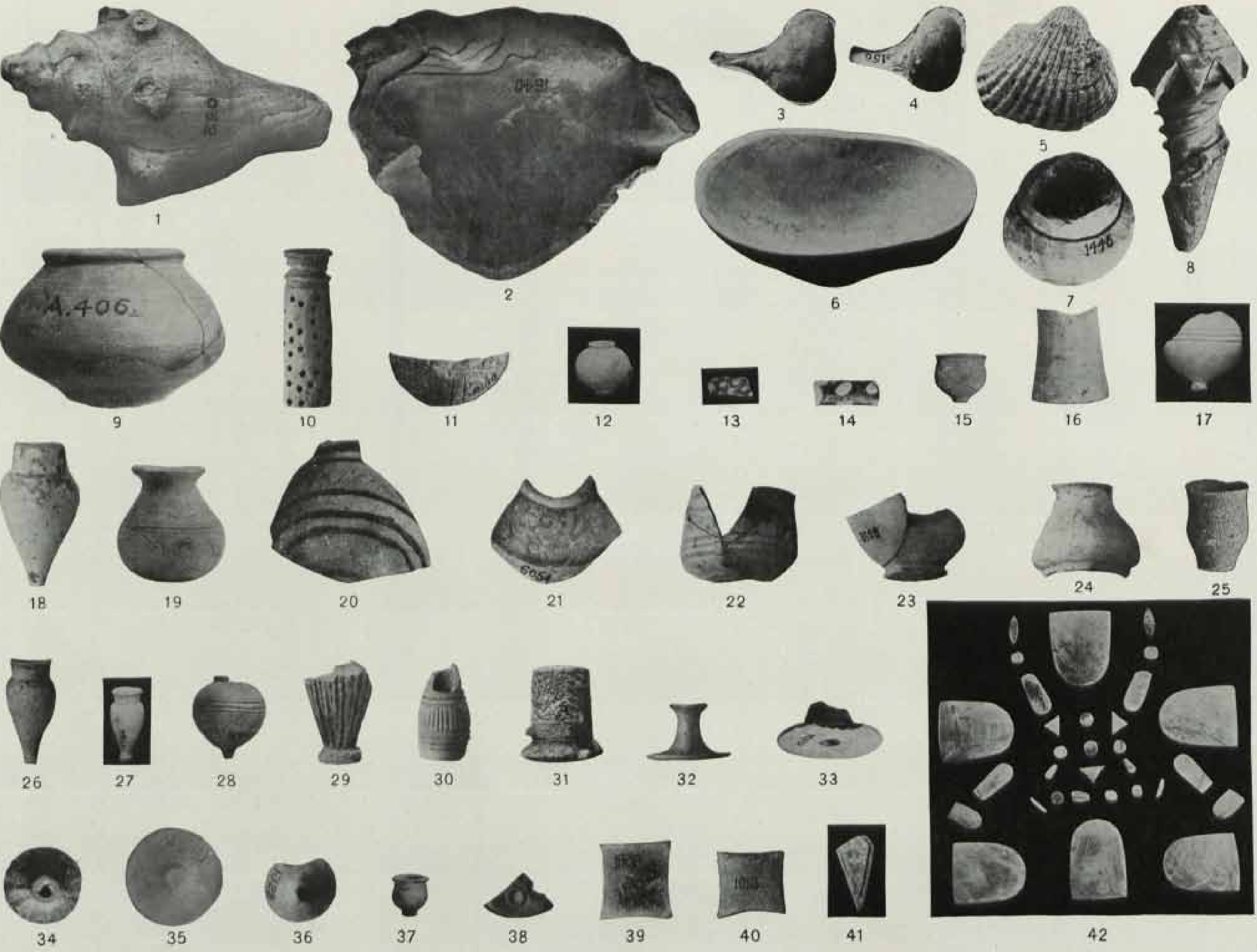


(*c*)



(*d*)

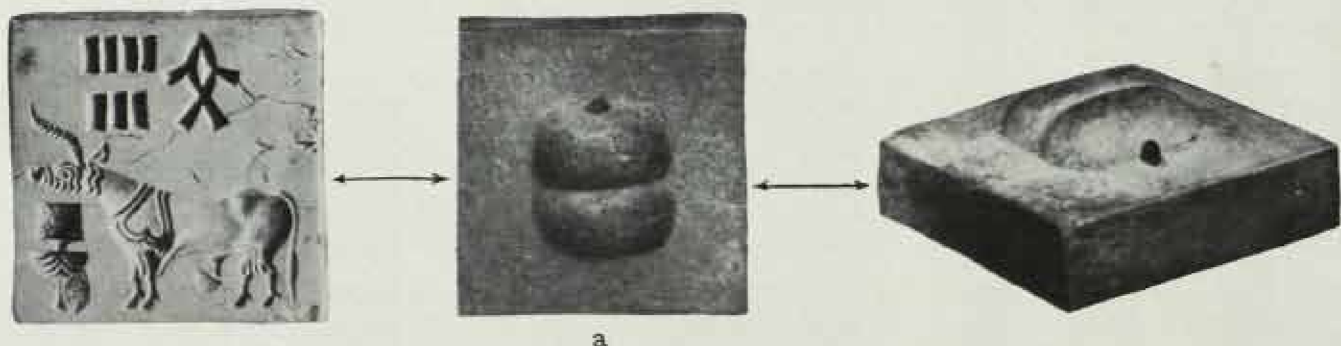
STATUETTE OF GREY STONE No. Ab 959 FROM THE CENTRAL AISLE OF THE GREAT GRANARY.



MISCELLANEOUS OBJECTS OF *sankh*, FAIENCE AND STONE.



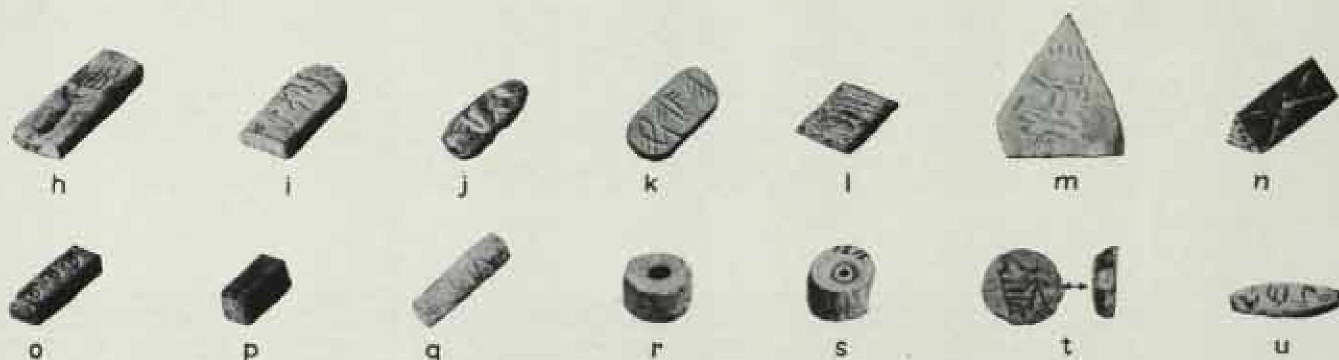
STONE VESSELS, MACE-HEADS AND OBJECTS OF TECHNICAL INTEREST IN STONE AND FAIENCE.



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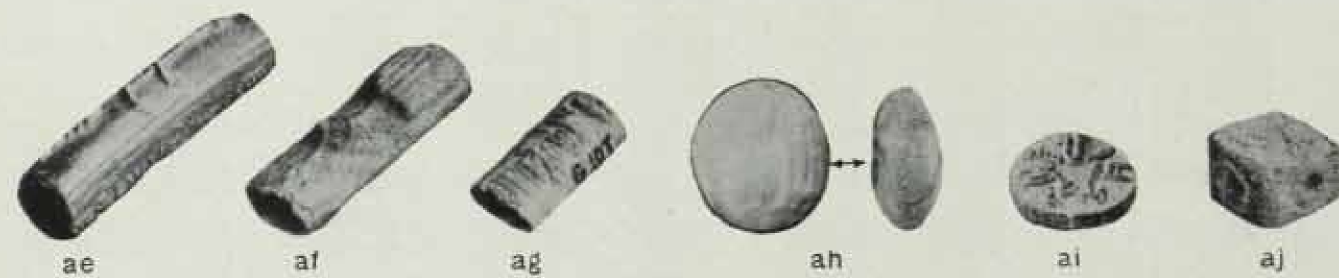


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v w x y z aa ab ac ad



ae af ag ah ai aj



ak al am an ao ap aq


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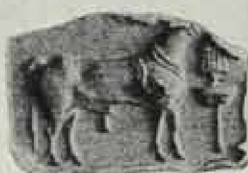

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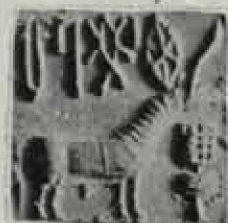

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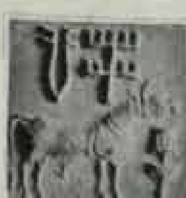

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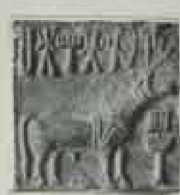

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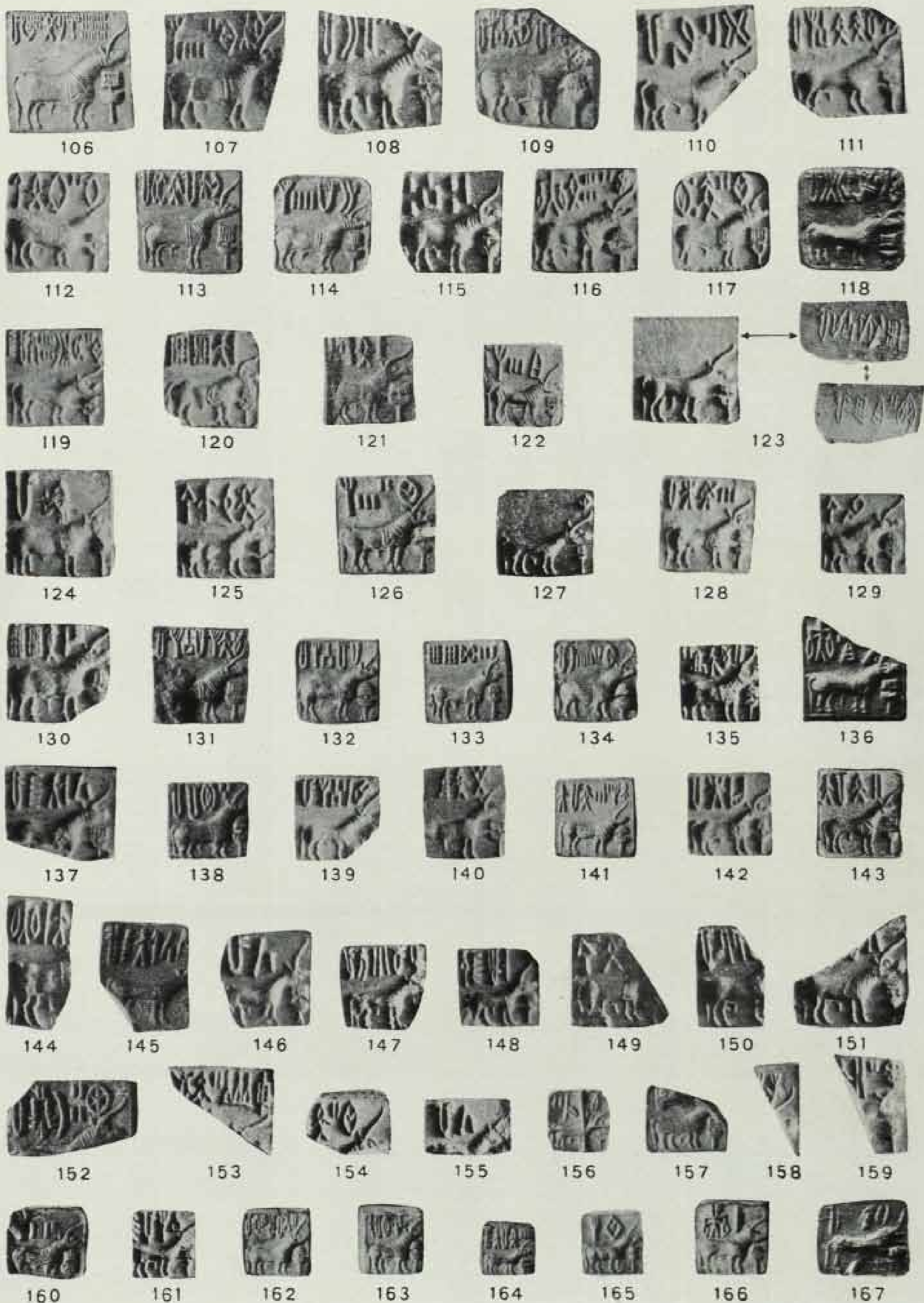

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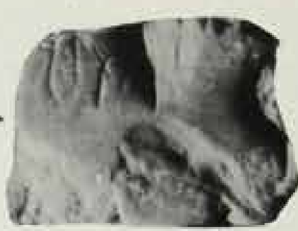

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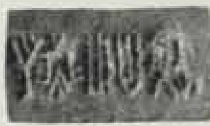

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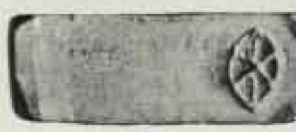

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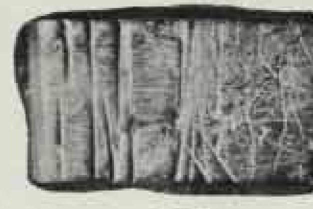

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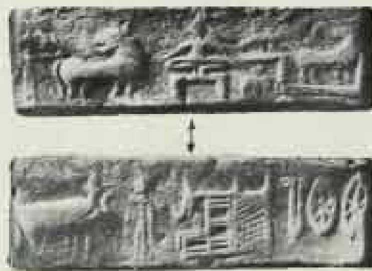

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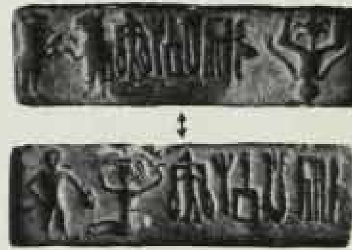

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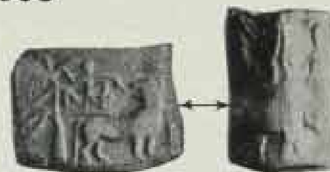

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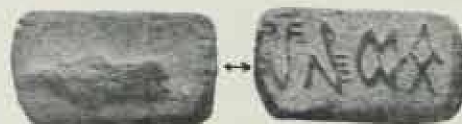

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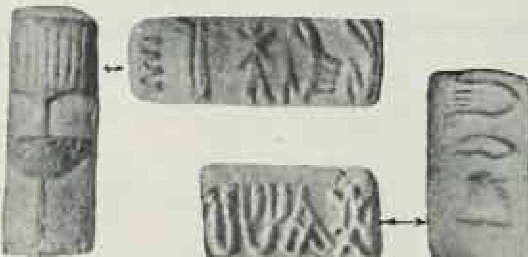

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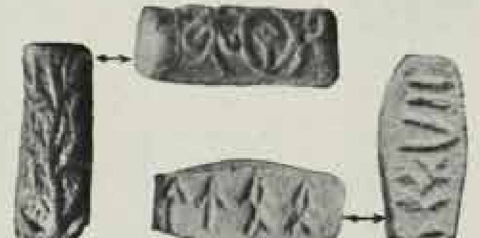

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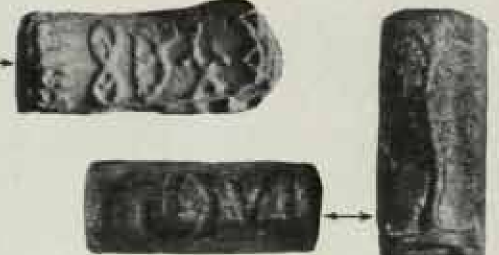

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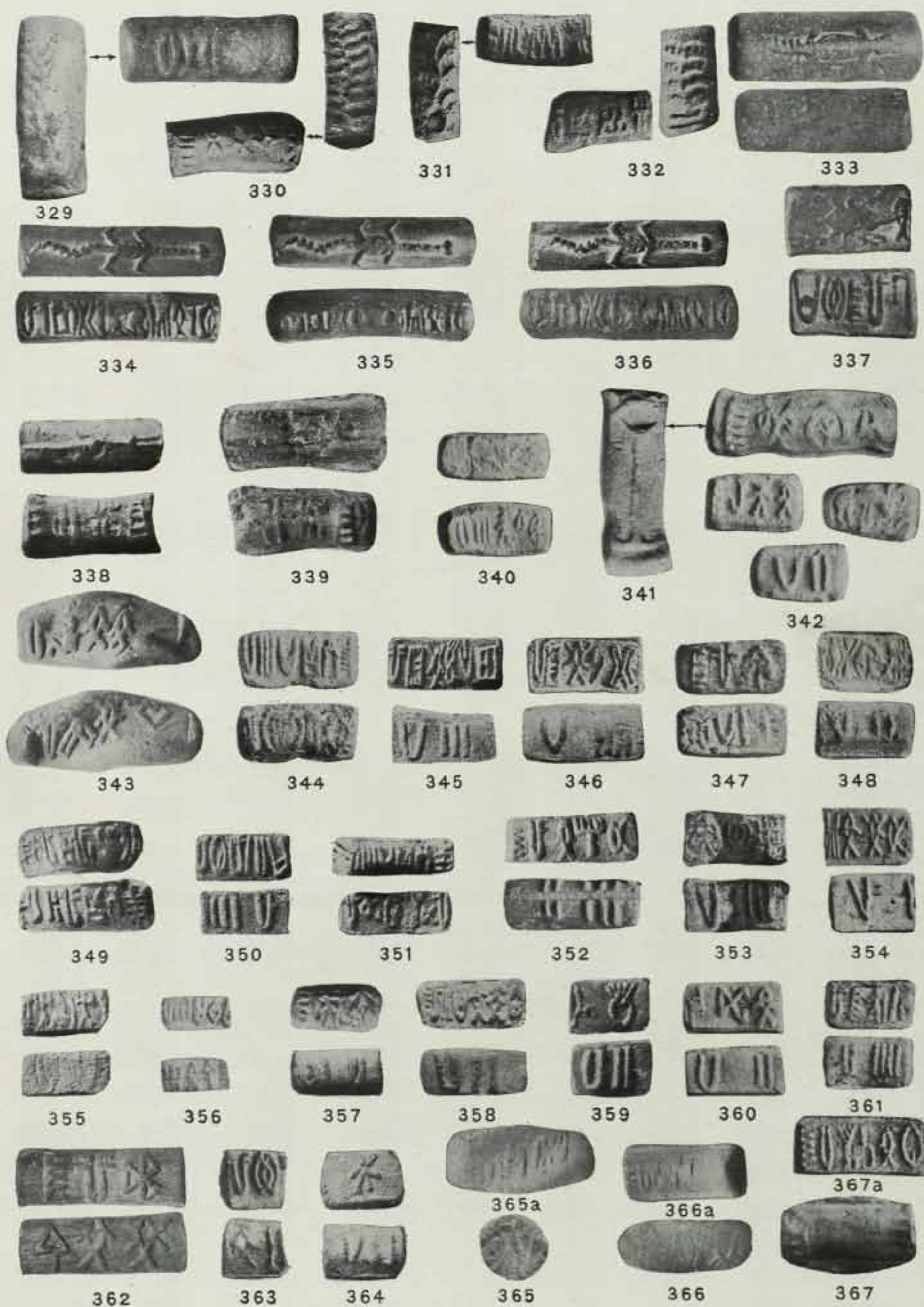

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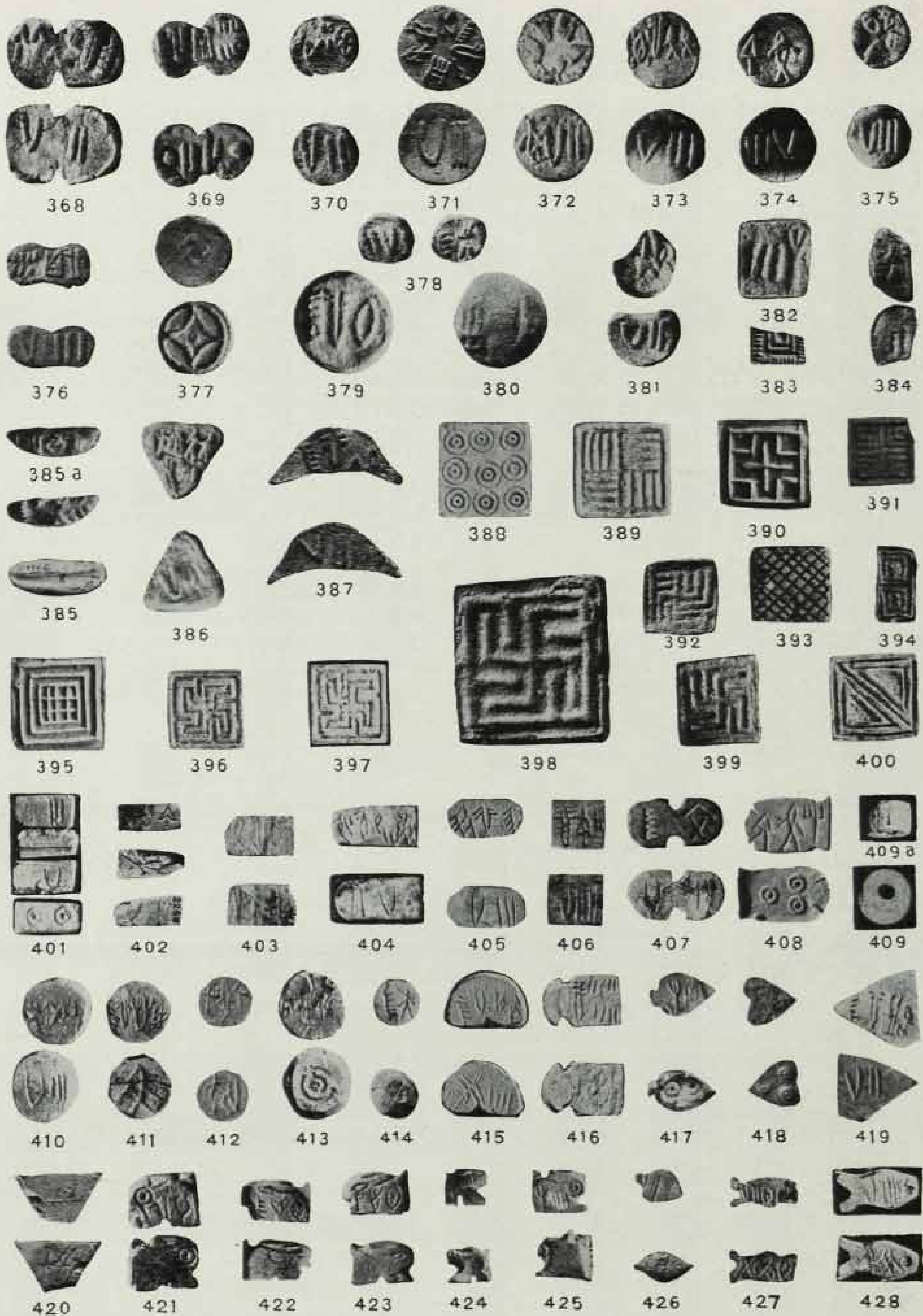

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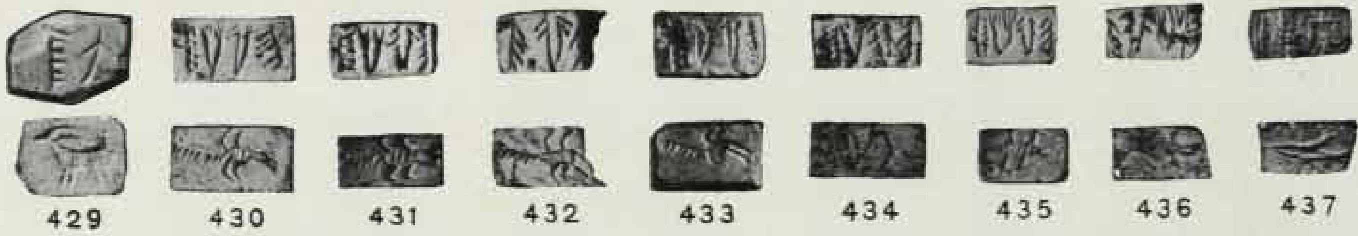

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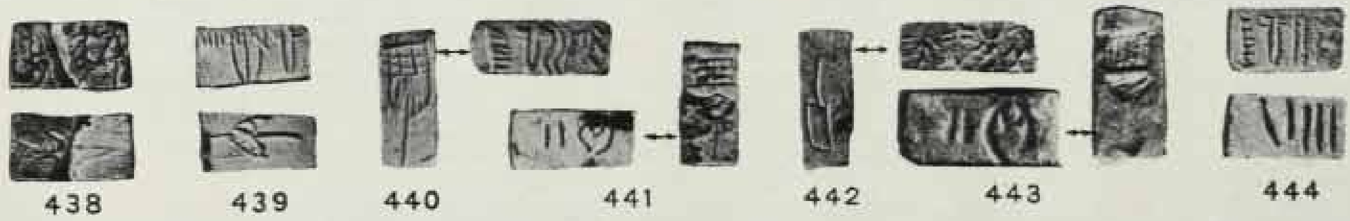

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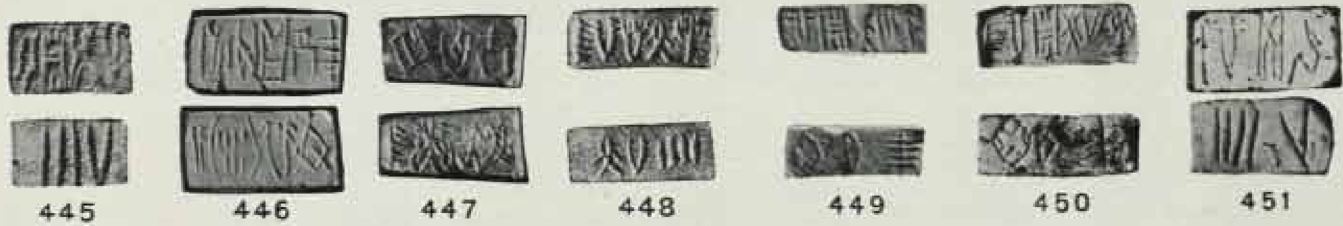

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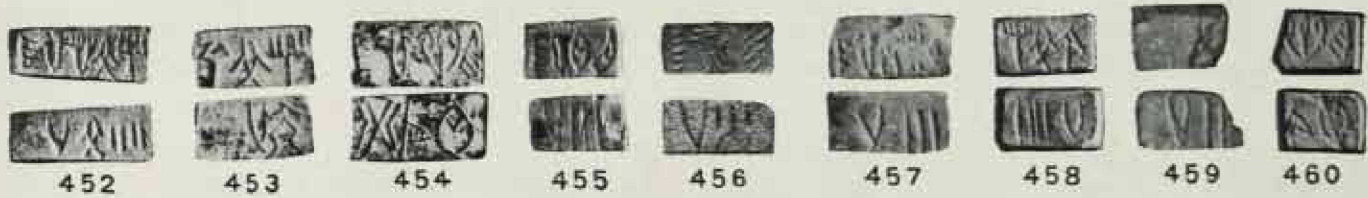
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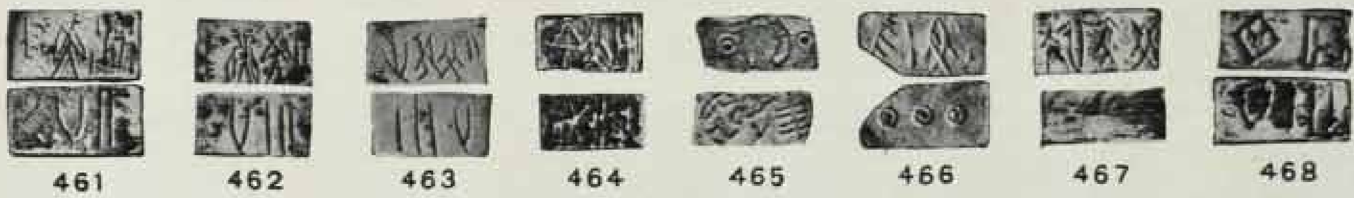
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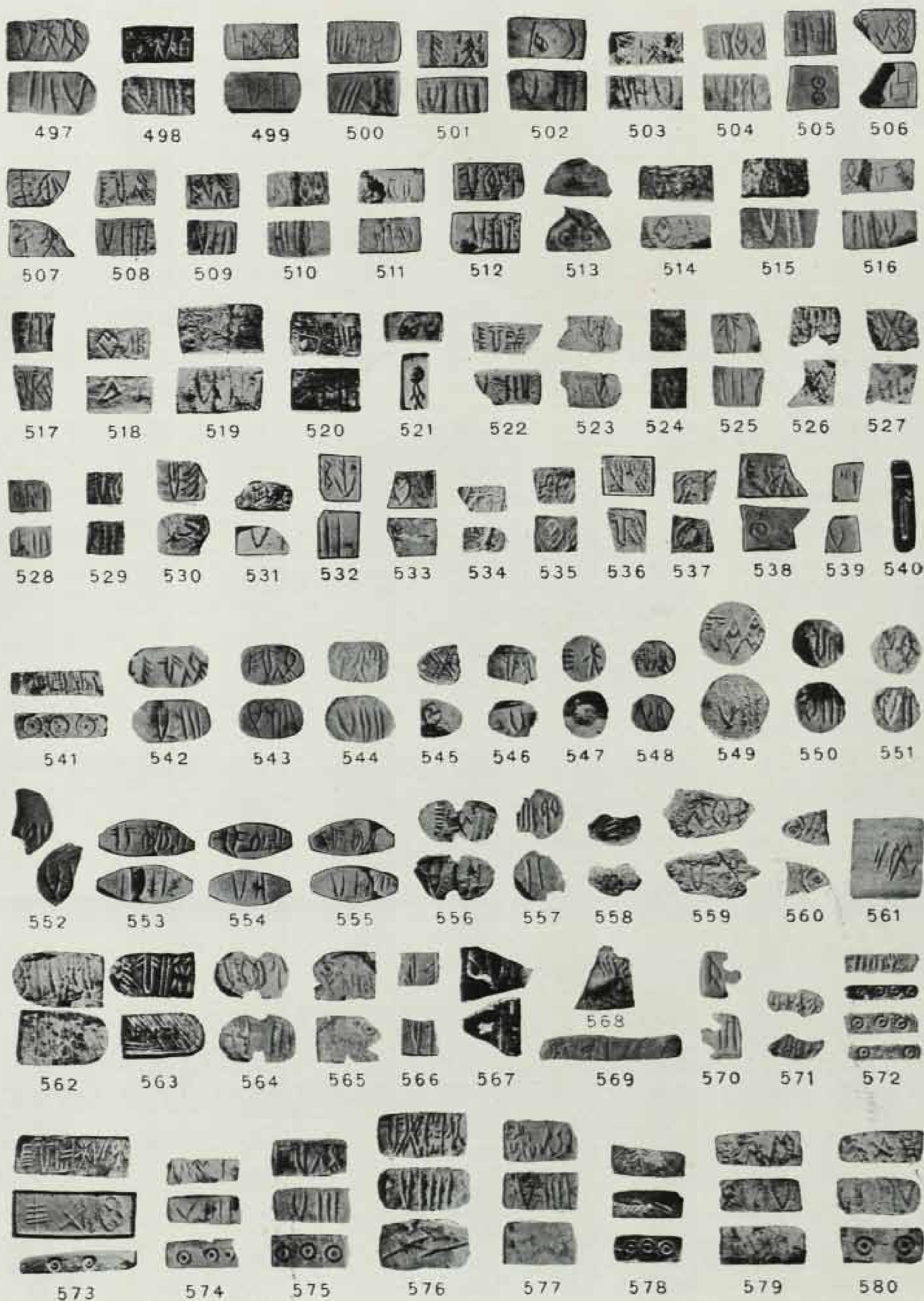
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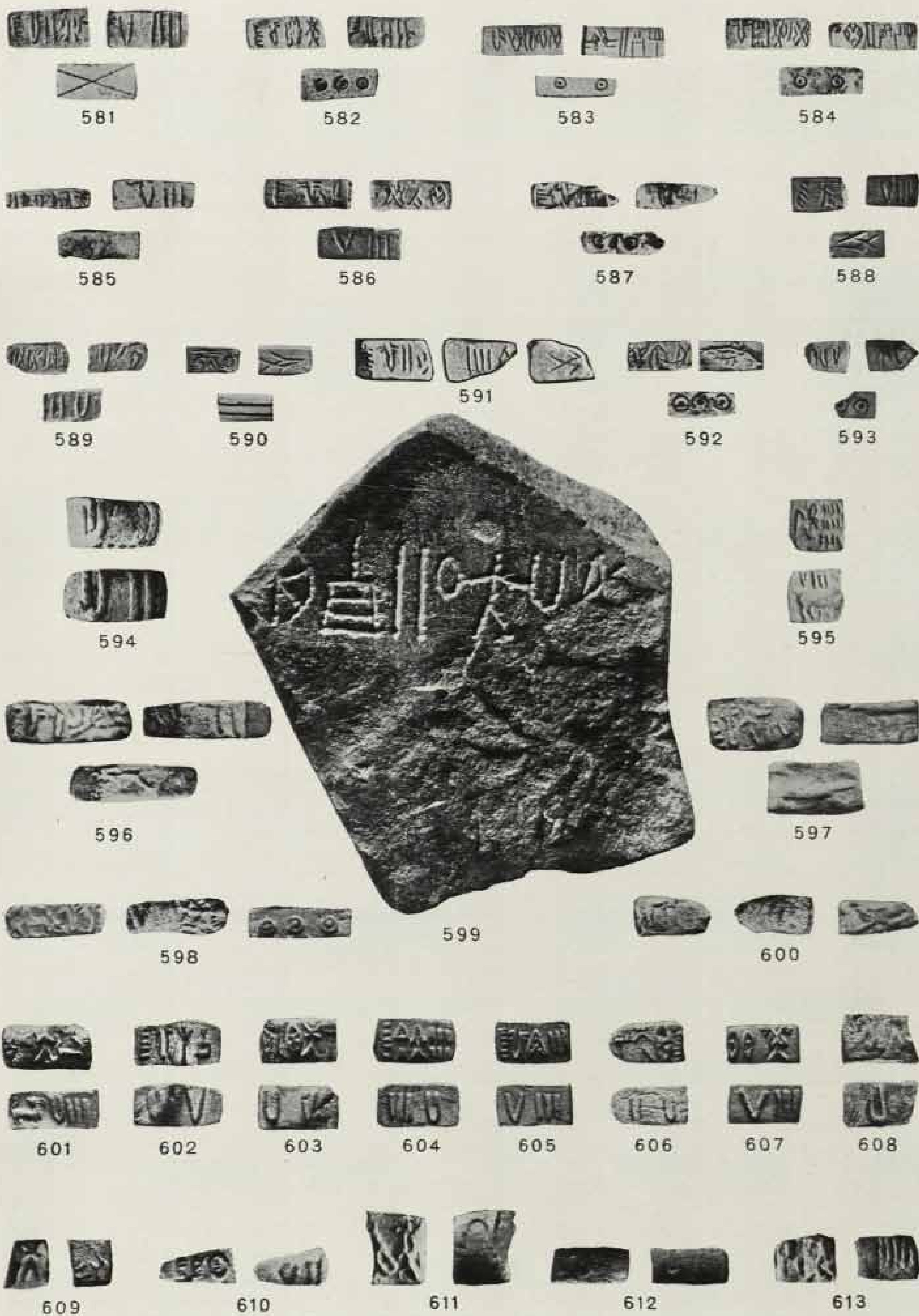


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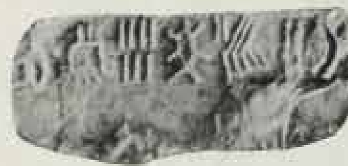

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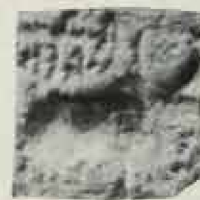

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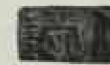





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SEALS, SEALINGS, INSCRIBED BALL AND POTTERY.


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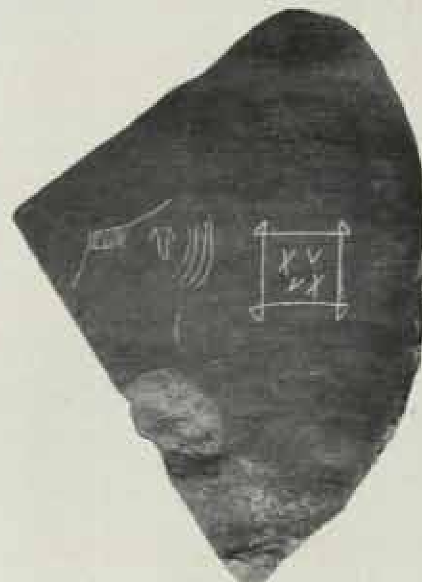

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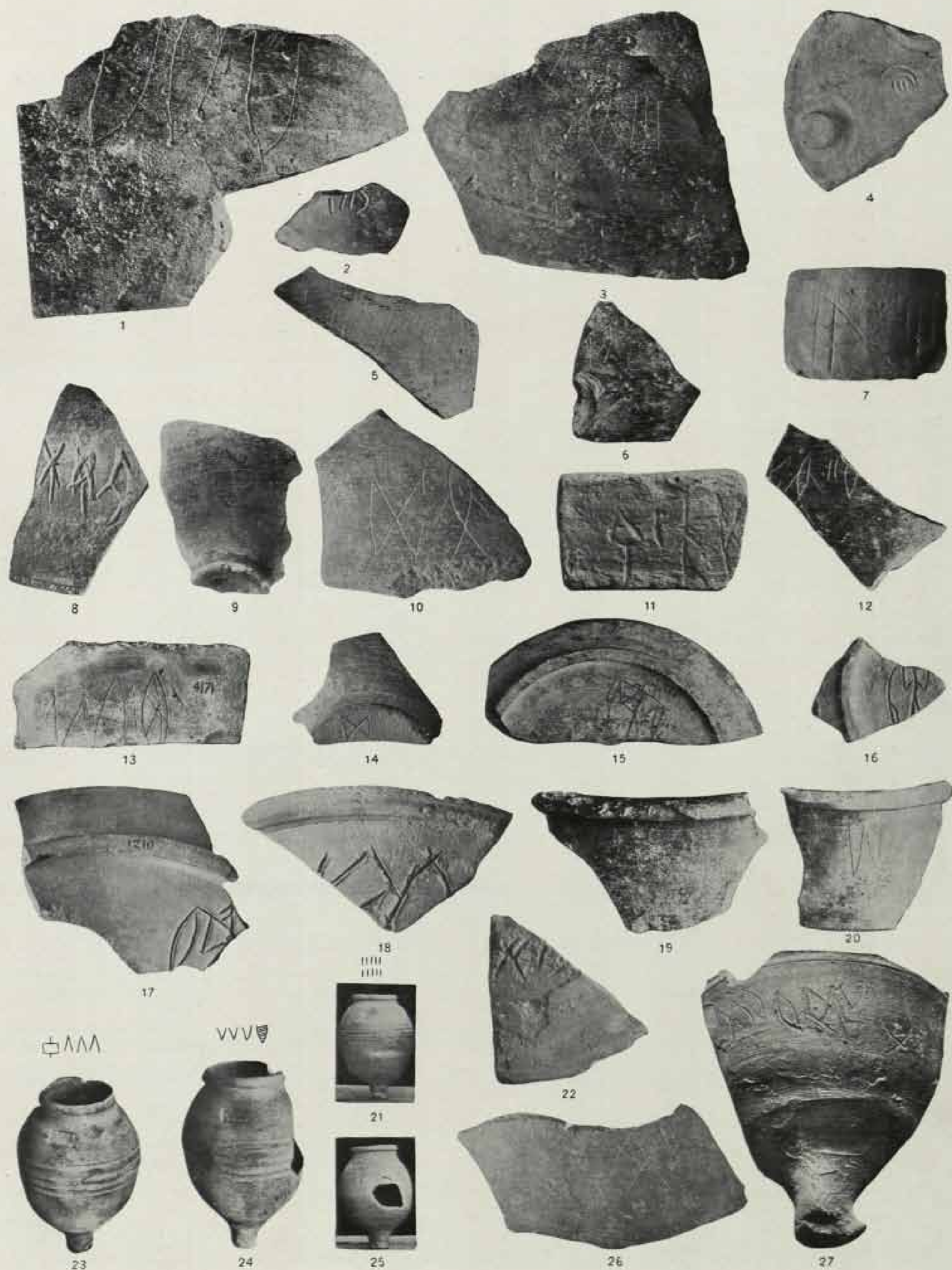

709


713

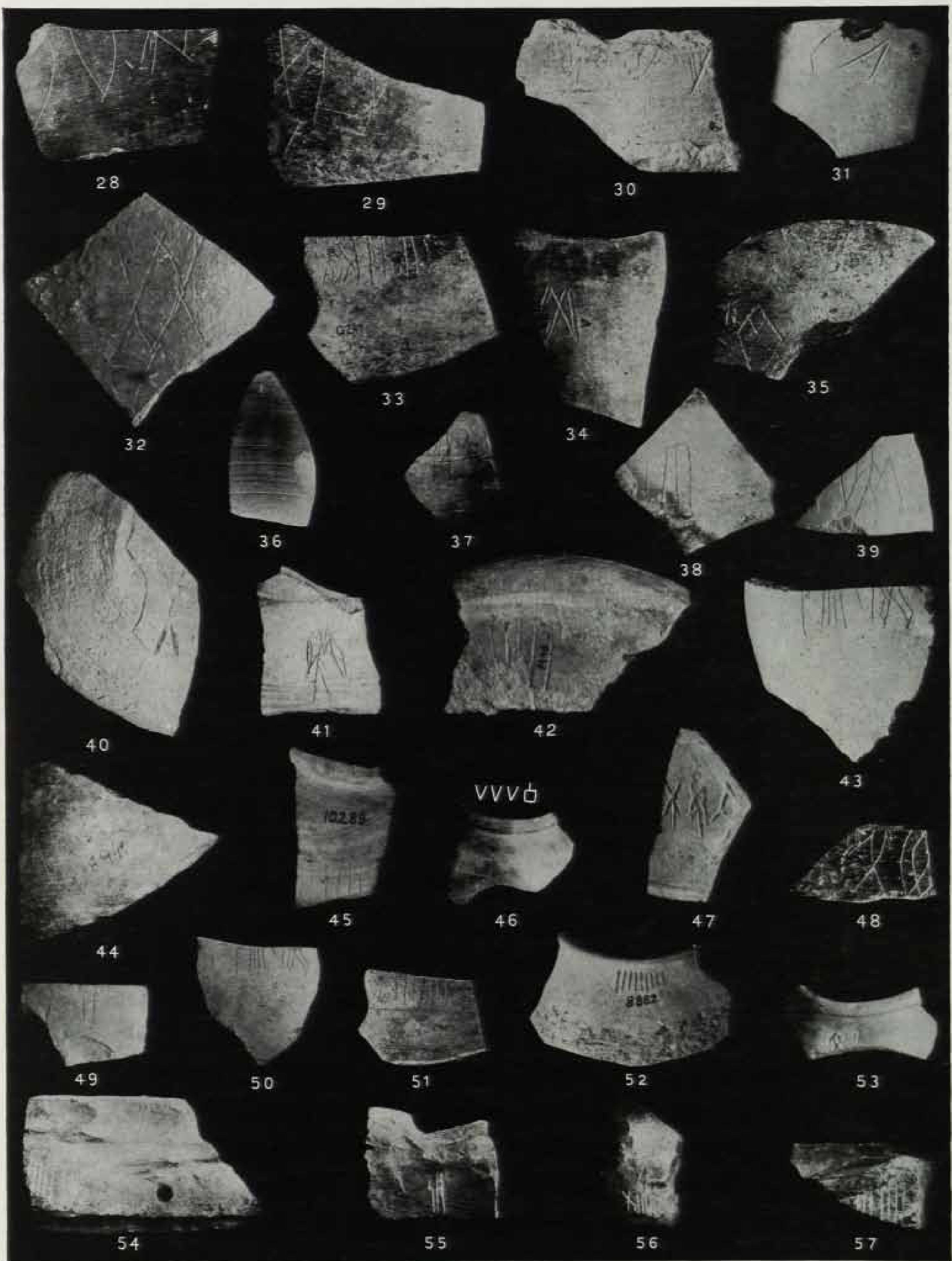

710


711

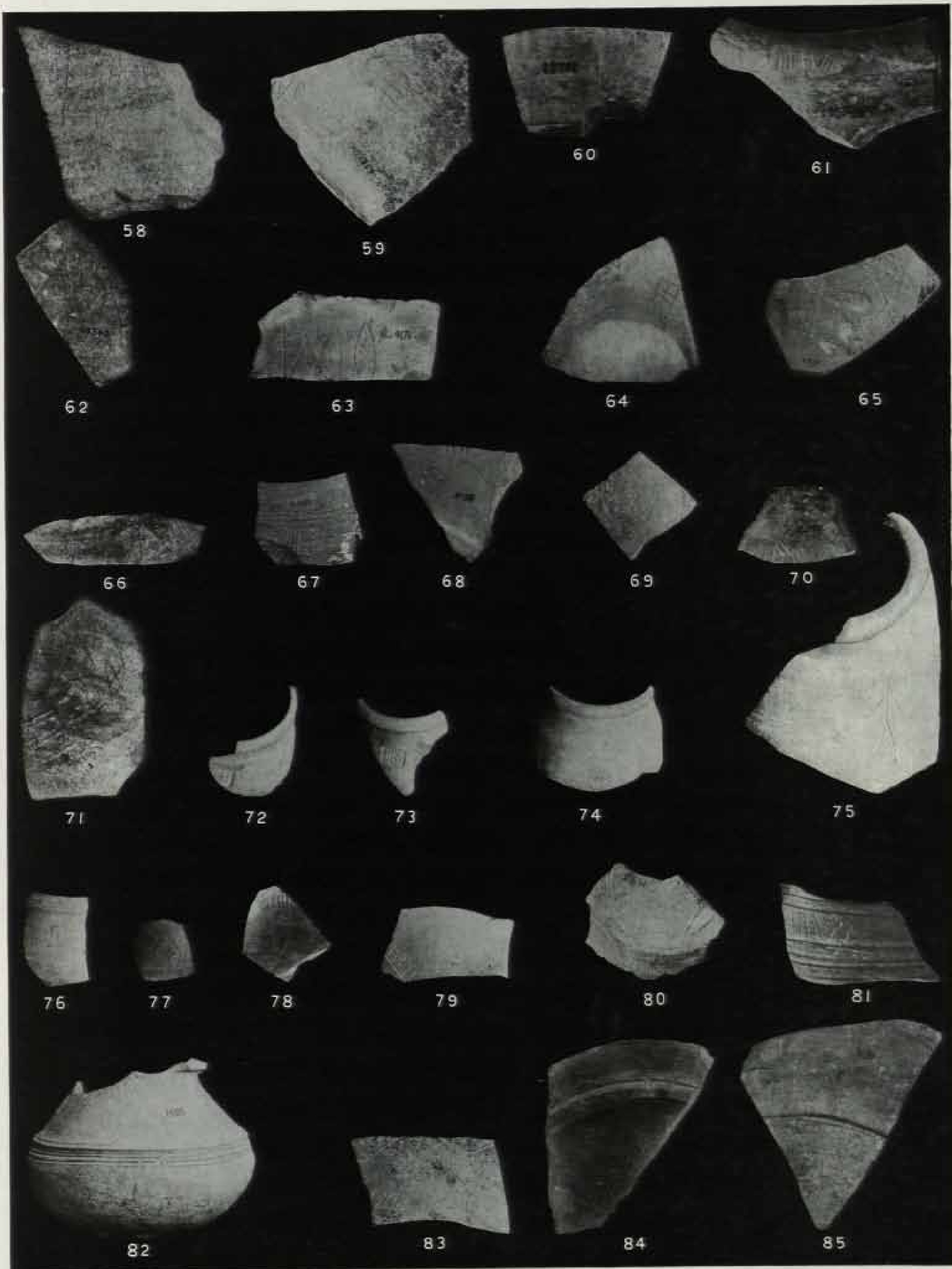

712



INSCRIBED POTTERY.



INSCRIBED POTTERY AND THREE INSCRIBED FRAGMENTS OF STONE.



INSCRIBED POTTERY.

Group	No.
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	11304
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	11233
	12150
	H-637
	2367
	1692
	2700
	12750
	11077
	G-107
	A(i)130
	5389
	2893
	1872
	10142
2	10965
	10226
	11852
	10929
	741
	12132
	PI-44
	J-581
	A(n)97
	B-234
	5634
	A(n)279
	2482
	4076
	10625
	11379
	12066
	201
	11291
	11798
	12216
	10142
	4058
	2540
	11458
	5254
	J-361
	J-329
	3508
	5534
	A-233
	B-951
	4079
	J-493
	J-213
	PI-42
	3170
	J-455
	A(n)553
	2789
	7354
	J-256
	11022
	1200
	2961
	B-191
3	10061
	12104
×	
5	PI-39
5a	J-46
	12493
6	1172
	12420
	1379
	12416
	J-463
	D-38
	11233
	A-263
	2961
	9041
	11942
	1591
	11379
	3716
	12377
	G-107
	10997
	A(n)553
	12493
	A(n)922
	7354
	4041
	7155
	3611
	10960
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	H-611
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	4553
	11630
	11795
	474
	4015
	J-481
	10631
	7006
	5436
	A-214
	11849
	11039
	5975
7	PIII-7
	11332
	6718
	G-217
	10695
	PIV-114
	8650(a)
8	4703
	12035
	A(n)279
	J-213
	8350
	12461
	12574
8a	
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	12581
	4179
	4043
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	3757
	11705
	5399
	8650(a)
10	J-28
11	12548
	J-403
	J-30
	11695
	3811
	12251
	12721
×	10185(a)
12a	11331
12b	
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	12549
	10102
	2463
	5152
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Sign no.	Reference
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	PIV-114
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	PI-40
17	J-449
	1235
17a	12104
17b	10061
	4765
18	10242
	11942
	A(i)9
	7354
	PII-21
	7411
	1172
19	4044
	J-30
	12251
	J-28
	10831
	11331
	11942
	1244
	4795
	A(i)9
20	J-494
	7663
	11331

Sign no.	Reference
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	1692
	PI-2
×	
23 ×	3611
25	PI-42
26	7113
	11458
	2867
	A(ii)102
	2961
×	
28	5083
	11359
×	
31	12415(a)
	PIV-114
	10102
	1697
	11467
	2281
	12538
	4531
	180
	PI-42
32	2257
	J-273
32a ×	J-455
36	1009
	4965
	3771
	10242
	21
	12721
37	3716
37a	PI-42
	PI-41

Sign no.	Reference
	B-191
37b	474
	Am553
	J-219
38	3758
	3482
39	2266
	3771
	3506
	6921
	11369
	PI-2
	J-579
	6360
	PII-21
	3170
	12537
	11853
39a	12721
40	2630
	11696
	649
	J-329
	A-214
	J-213
	7786
	5211
	11476
	5542
	10779
	1172
	12715
+	H-715
40a	J-403
40b	12721
	12060
40c ×	11715

Sign no.	Reference
	H-605
41a	10011
	J-46
41b	
41c ×	11554
	12751
43	10818
	272
	11696
	398
	H-160
	A(ii)922
	3725
	A(ii)130
43a ×	21
	11756
47	10830
	11390
	10242
	12537
	3170
	116
	4765
	4531
47a	4078
48	11452
	11626
	11458
	J-455
	PII-23
	9041
48a ×	10835(a)
	10178
50	PI-2
	A(ii)102
50a	5388

4531
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50a
8150
53a
7786
55a
2266
59a
3772
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J-462
11369
62
12537
PII-21
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63a
10409
12562
64a
4079
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2253
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11715
J-329
A-214
J-213
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10069
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781
J-481
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10137
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G-217
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10835(+)
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J-463
12377
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4432
Aiii102
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7098
2630
114
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3725
H-637
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3170
10831
8350
3545
11942
116
A-336

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73
H-611
11466
5534
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11417
11022
B-101
J-361
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Aiii106
B-951
PI-40
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5082
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3758
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10318
86a
88
4041

11077
88a
3758
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4703
12035
J-213
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5534
J-493
12461
10779
2430
5254
7354
10815
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4971
8650(a)
1646
95
J-455
J-409
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4051
J-275
10185(a)
11715
7409
4060
4971
2257
3482
Aiii22
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H-605
H-220
J-494
8718
10185(a)
5880
3170

Sign	Text numbers
97 × 99	J-46, J-41, 10086, 4917, 10058, 12538, Am122, 145, 2281, 11244, 4991, 6360, PII-21, 10011, J-500, 12493, 12377, 7411, 12066, 5551
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102	10176, 10280, 10103, 7546, 8921, 3170, 9015, 11630, Am279, 12377, 2731, 7060
102a	H-611, B-951
103	1199, 3725, PII-21
104	G-257
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109a	PII-1, J-394, 2785, 6360
111	2125
111a	4432
112	PI-39, 2879, J-361
113	J-630
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134	2786, 10226, 8150
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143a	PIV-99
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146	Am132

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153	J-466
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153a	J-228
154	12180
	5542
	7591
	H-160
	H-220
	2390
154a	12185
	B-summit
154b	G-290
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157a	11244
158	9080
158a	2786
159	5152
	11714
	J-274
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	12549
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	3961
	11027
	10815
	9080

Sign	Catalogue no.
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	1009
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	11369
	11379
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	G-217
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	12493
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159b	J-402
159c	12420
	11334
×	
162	7786
163	8350
164	2630
	3545
	A-336
×	
165a	H-637
	H-80
×	
167a	7098
168	1240
×	
170	666
	1244
	G-175
	1646

Sign	Catalogue no.
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	B-summit
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174a	8650(a)
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177	Pl-40
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180	1259
	B-191
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181	10011
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181b	12576
181c	4076
182	4276
182a	4891
	H-605
183	G-104
×	
184a	10965
	A-233
×	
189	1056
×	
195	12099
	5630(b)
	11077
	3758
	J-630
	J-455
	12377
×	

Sign	Catalogue no.
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	H-550
×	
203a	Pl-41
204	B-101
205	Pl-53
×	
214	10059
	J-455
214a	4015
214b	2868
	2785
214c	11757
	11756
×	
219	12747
	12164
	10960
	3545
	11882
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	12562
	1172
	12581
	G-175
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	J-275
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	J-213
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	J-630
	G-107
	J-455
	12377
	J-273

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225. × 227	11331	
	11233	
	10740	
	D-38	
	A-263	
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	J-462	
	H-160	
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	11379	
	11942	
	10695	
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	12750	
	12752	
	J-274	
	PIII-38	
	11332	
	12721	
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	G-107	
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	G-217	
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	7354	

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	8650(c)	
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	7006	
	11332	
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× 233.	4965	
234	G-175	
	1055	
× 236	A-336	
× 237.	868	
238	J-450	
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	11136	
	4552	
	12329	
	J-449	
	8650(b)	
	J-582	
	J-630	
	12377	
	5254	
	10010	
	10928(a)	
	11452	
	11516	
	11715	
	10188(c)	
	12327	
	12442(a)	
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	5498	
	7483	

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11266(c)	
11291	
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7663	
8800	
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5617	
11467	
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12461	
J-359	
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5974	
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J-455	
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5388	
H-160	
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2281	

No.	Inscription
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J-409	
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4276	
H-843	
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Am113	
10061	
10162	
11466	
11853	
J-219	
J-30	
PI-44	
A-441	
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J-581	
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5810	
7409	
7591	
868	
Am22	
117	
12251	
1200	
1697	
10965	
11244	
11333	
12035	
12548	
12574	
PII-23	
J-213	
5219	
J-329	

J-493
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J-494
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A-233
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12164
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J-28
H-220
2266
J-463
H-605
B-
PI-2
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3170
7411
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7354

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PIV-114

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G-175
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2981
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3611
J-575
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11332
11696
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11368
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7354

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3545
H-80
3716

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1692
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A-263

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J-630
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241.
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H-220

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1056

×

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2868
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A(a)-102
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J-579
PII-21

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260b × 261	11038, J-579
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261b	945
262	2879, 1259, PIII-7, 3716
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265	10224, 11136
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269	12327, 12581, 7483, 12104, 12216, 12760
269a	11795, 3758
(cont.)	12538
269a	11330, J-274, H-550
270	2430, Ai(i)97, 10103, 11756, 11291, 12416, 2482, 2868, 12461, 5388
270a	11696, 2125, 10359, 10830, 2867, 4631, 4917, 5974, 8650(a)
270b	11452, 2281
270c	11417, 8650(a)
271	J-283, 11714, 11467, 12415(a)
272	A(i)130
272a	517
273	5082, 1259
273a	2118, PI-40, PIII-7, 11458
274	3725, PI-1, 1199, 2731, PII-21
× 275a	10176, 9015, J-394
× 277	1009, 2540, Ai(i)553, 3771, 4965
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× 281	9059
281a	11349, 7354
× 283	3771, PI-2, 8360, 4076, H-643, J-582, 116
283a	11476, Ai(i)106, 3482, 3503, J-228, 11064, PI-41, J-213, J-523

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293a. × 294a.: PII-38, J-582, 1419, 11077, J-462, 3758

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295a.: 10185(c)

296: B-(a)

297 ×: 12060

299: 12327, 2785, 11333, 1056, 5880, 741

× 301: 1498, PII-71, 517, 5974, 627, 8718

× 304: 12099, 12715, A-441, A(a)106, J-630, 12377, J-455, 7354, 2281, 11597

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309: 11458, A-263

× 310. ×: 649

312: 4965

312a.: 4531

313: PI-39

314: J-630, 12377

314.: 12442(a), 4080, 8150, J-455, 10010, 1235

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314b. × 317.: J-448, 1697, 11467, 12538, 180

317a.: 2281

318 ×: 180

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322a.: 12216

323: PI-39

323a.: J-289

324: 10409, 12562, 11077, 2187, 12415(a), 5974, 2785, 12747

324a.: 4631, I-359

325: 145

325a.: 667, 5399

326: 8650(a), 12150, 5253, 4058, PI-42

327 ×: 8053, J-581

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	10102	
	11849	
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	4079	
	11331	
	116	
	8360	
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	3170	
	J-273	
	7411	
	7354	
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	781	
	12751	
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	11330	
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	4042	
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335a ×	1692	
337	2930	
338	11467	
	3725	
	11361	
	7060	
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	8718	
	4917	
	11369	
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339	11027	
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	10625	
	10997	
	8080	
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	4079	
340b	10224	
341	10186	
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	J-575	
	J-582	
	2786	
	116	
	3254	
341a ×	8650(a)	
344	12002	
	An22	
	398	
	1199	
	5551	
	11368	
	J-274	
	11359	
	114	
345	5880	
346	4396	
	1697	
	10928(a)	
	8600	
	398	
	12548	
	1646	
	A-336	
	A(a)553	
	10137	
	5388	
	945	
	1240	
	10997	
	11942	
	A(a)922	
	116	
	2786	
	12131	
	3725	
	10011	
	8650(a)	
	J-273	
	12499	
	A(i)130	
	11392	
	10831	
346a ×	PI-4	
349 ×	2254	
	B-101	
	517	
356a ×	11331	
359 ×	A(a)130	
360a ×	PI-2	
365a	3459	

Sign	Text No.
365b ×	7786
369	J-494
369a	11795
369b	5633
370	10359
	2367
	11768
	5617
	5634
	10928(a)
	11266(a)
	3975
	5253
	7663
	11849
	12329
370a	10363
370b	1423
371	5367
372 ×	2789
377	10260
	PII-71
	272
	11695
377a	11341
377b	J-500
378	J-548
	B-234
	PIII-7
	PI-40
	3772

Sign	Text No.
378a	1419
	12139
378b	2731
378c	3757
379 ×	8650(a)
382	11449
383	4588
	10186
	6800
	12750
	11417
	1200
	4971
383a	7409
	5724
	5617
	3803
	4553
	1500
	7663
	12414(a)
	H-160
	J-361
	474
	J-46
383b	11022
	8650(a)
383c ×	3975
386	J-580
	8154
	8650(a)
	G-107
	J-322
	12180
	2254
	2367
	2177
	2463
	849
	10185(a)
386a	12002
	7006
386b	A(?)9
	2789
	4079
×	
388	H-80
	11330
	11390
	12150
	2630
	H-637
	8350
	3545
	867
	11756
388a	11468
	10178
	J-219
	10103
	7098
	A-336
	2867
388b	1842
	2482
	J-283
	11377
	12215
	1379
	2257
	10830
389 ×	11110
391 ×	11796
393a ×	J-20

Sign	Text No.
395	12752
	PIII-38
	5399
	10831
	B-(a)7
	2482
	4553
	PI-42
	1500
×	
397	10361
	12414(a)
	5219
397a	12751
398	J-579
399	11705
400	11449
401	10185(a)
402	J-20
	10779
403	H-715
404	4041
404a	12251
405	7767
406	2785
407	1498
407a	12576
408	J-274
409	11650
	2632

409a 11392, 5211
410 12493, 3758
411 A-263
412 2430
413 10929
414 J-359, 7411, 2785
415 Am279
416 4051
417 J-466
418 12576
419 3644, 11333, 10242
420 11390, 12461
421 10830
422 8650, 116
423 4078, 11853, 4765, 12537, B-191
424 4531
425 3170

426 7354, Am922
427 2531
428 11377
429 1055
430 2867
431 2891
432 11379
433 9041
434 B-951
435 12416
436 12752
437 H-80, 4076, 3757, 11695
437a G-290
438 12414, PII-23, 5388, 5436, 3716, 10929, 94, 11705, D-38, 5399, H-160, Am553, Am922
438a 180

439 398, 3725
440 A(a)62, J-548
441 5975, 11064, 10162, 10614, 1055, H-611, 12548, 12139, 12164, 2266, 11368, 2540, 649, J-273, 4179, 11850, H-441, 11852, J-481, 4015, A-214, 4042
441a 5219, 11849, 12377
442 J-20
443 5253
444 J-466
445 10960
446 10960
447 4531

448 12415
449 B-234
450 2187

Sign Manual Ends.

INSCRIPTIONS COMMON TO HARAPPA AND MOHENJO-DARO.

Harappa Photo No. of Seal.	Inscription.	M. I. C. Photo No. of Seal.
166		287
211		168
629		366
18		5
374	*	261
286		252
246		169

* This is a Seal Impression.

+ The following signs also occur at Mohenjo-daro but are not shown separately in M. I. C.

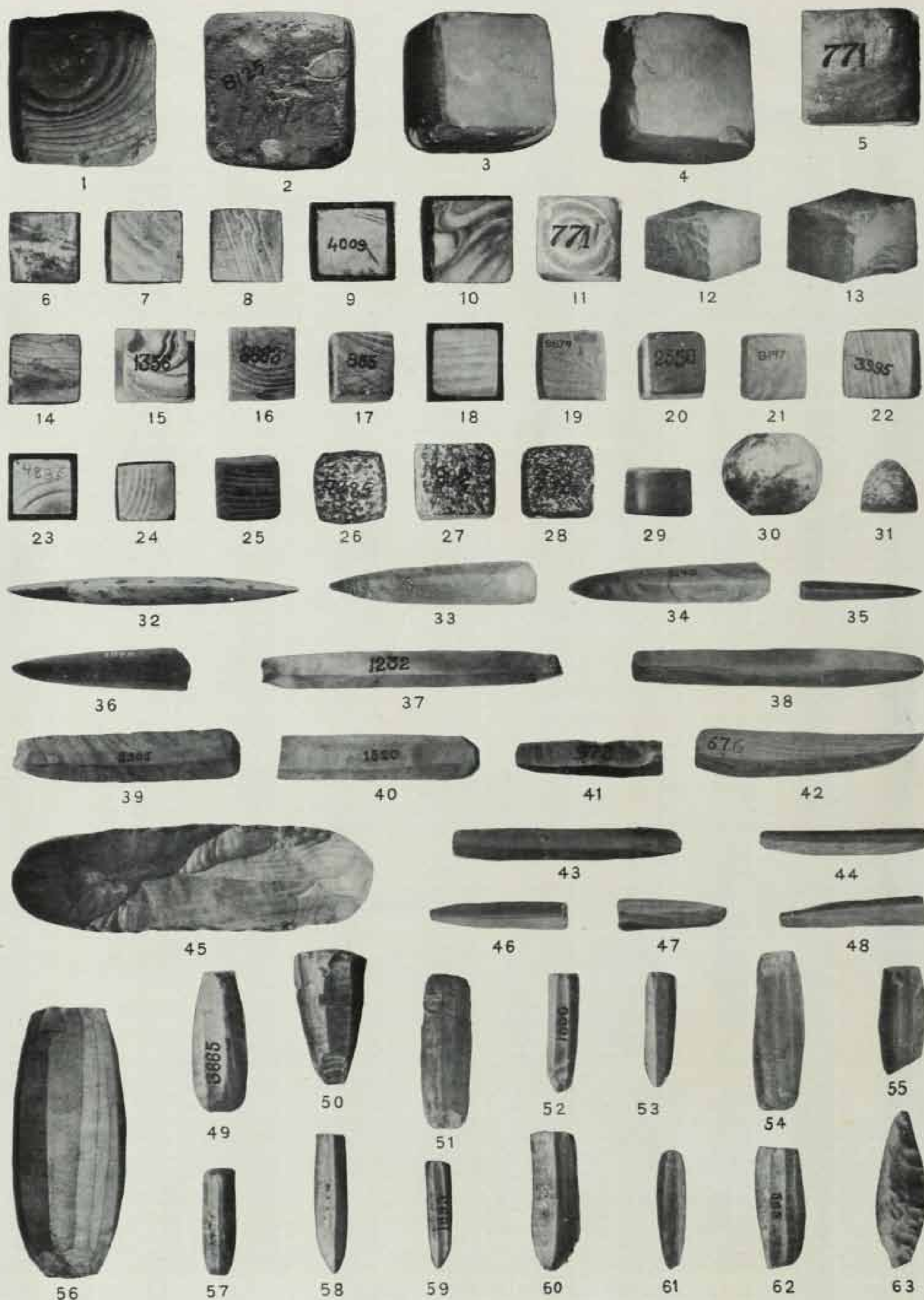
Harappa Sign No.	Sign.	M. I. C. Photo No. of Seal.
40a		394
295a		550
383a		28
438		H150 (Pl. CXIX, under Sign No. 2.)
439		6
440		451
441		220

Signs found only at Mohenjo-daro.

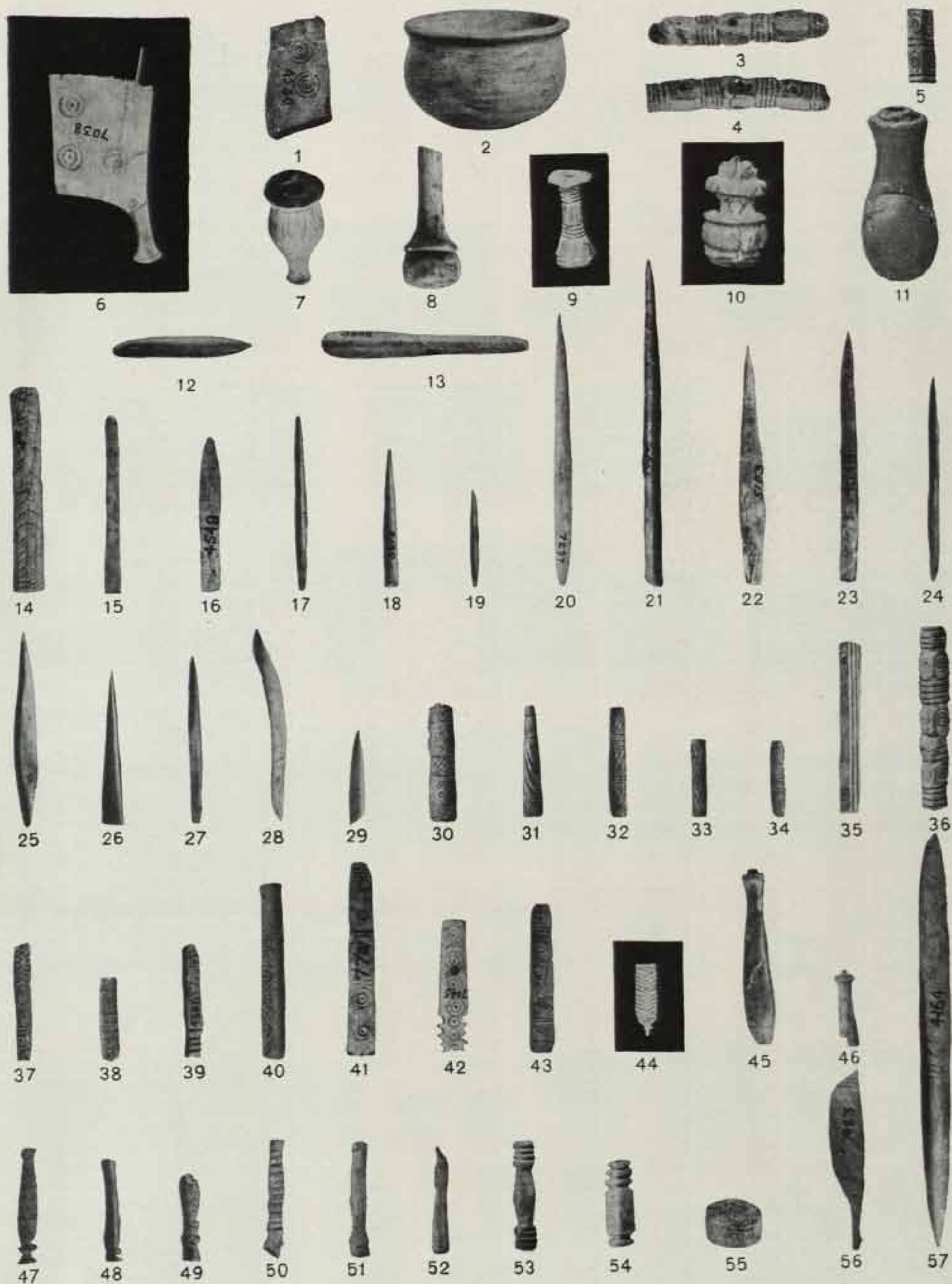
Sign.	Mohenjo-daro Seal No.
	539
	325



MISCELLANEOUS CULT AND HOUSEHOLD OBJECTS.



STONE AND CHERT WEIGHTS, POLISHERS, KNIVES, CORES AND AN ARROWHEAD.



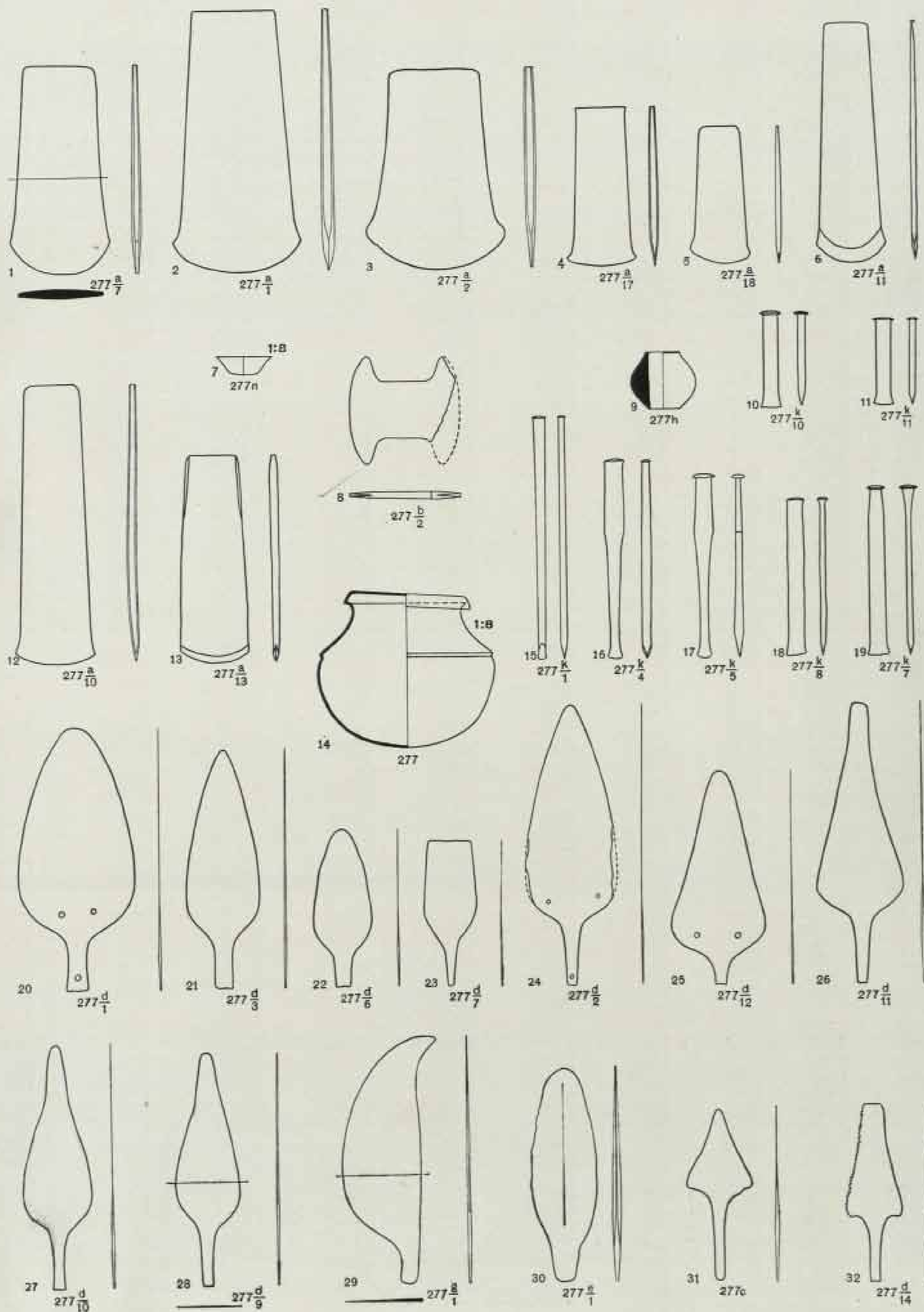
BONE AND IVORY OBJECTS.



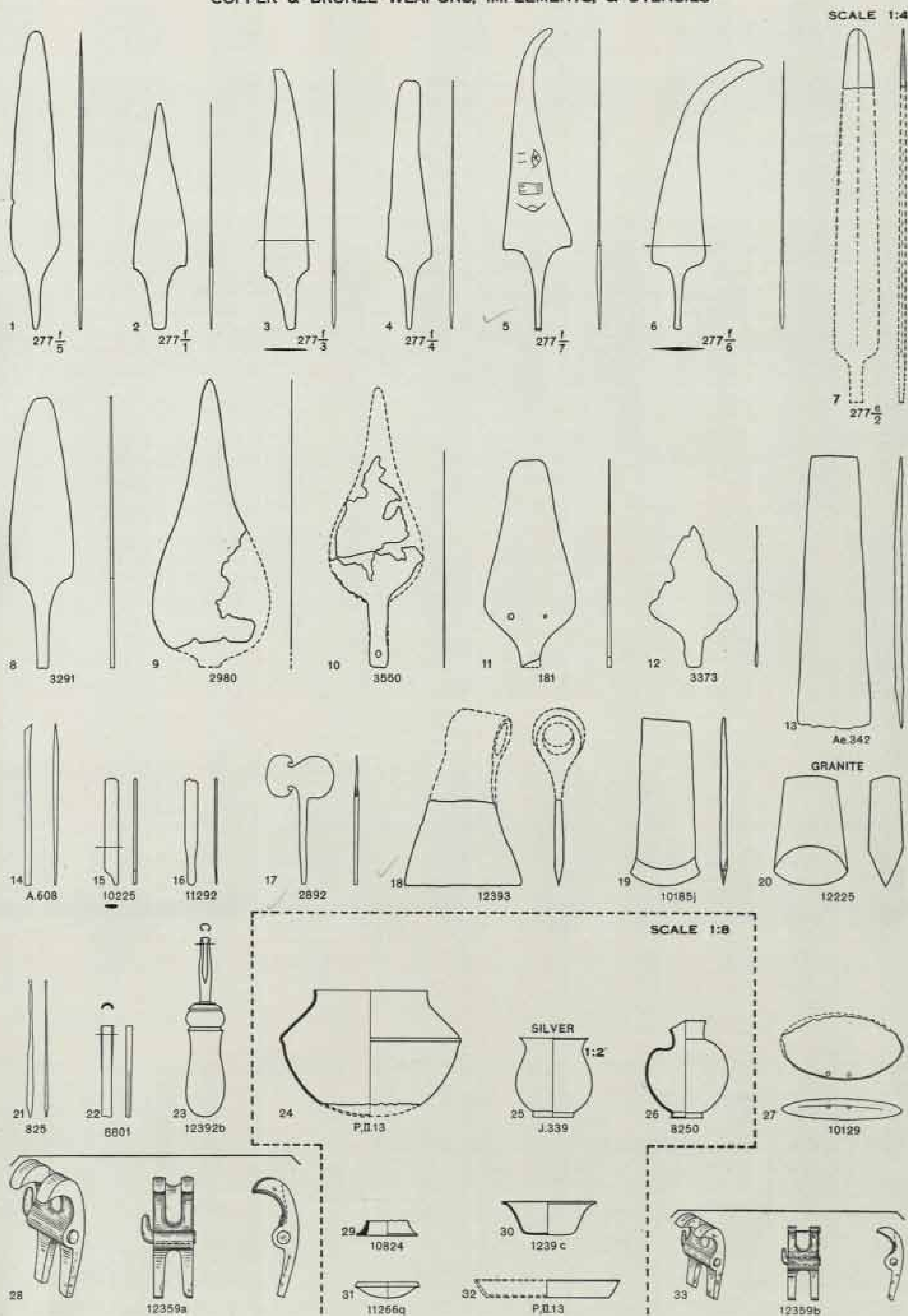
PLAYTHINGS AND GAMESMEN.

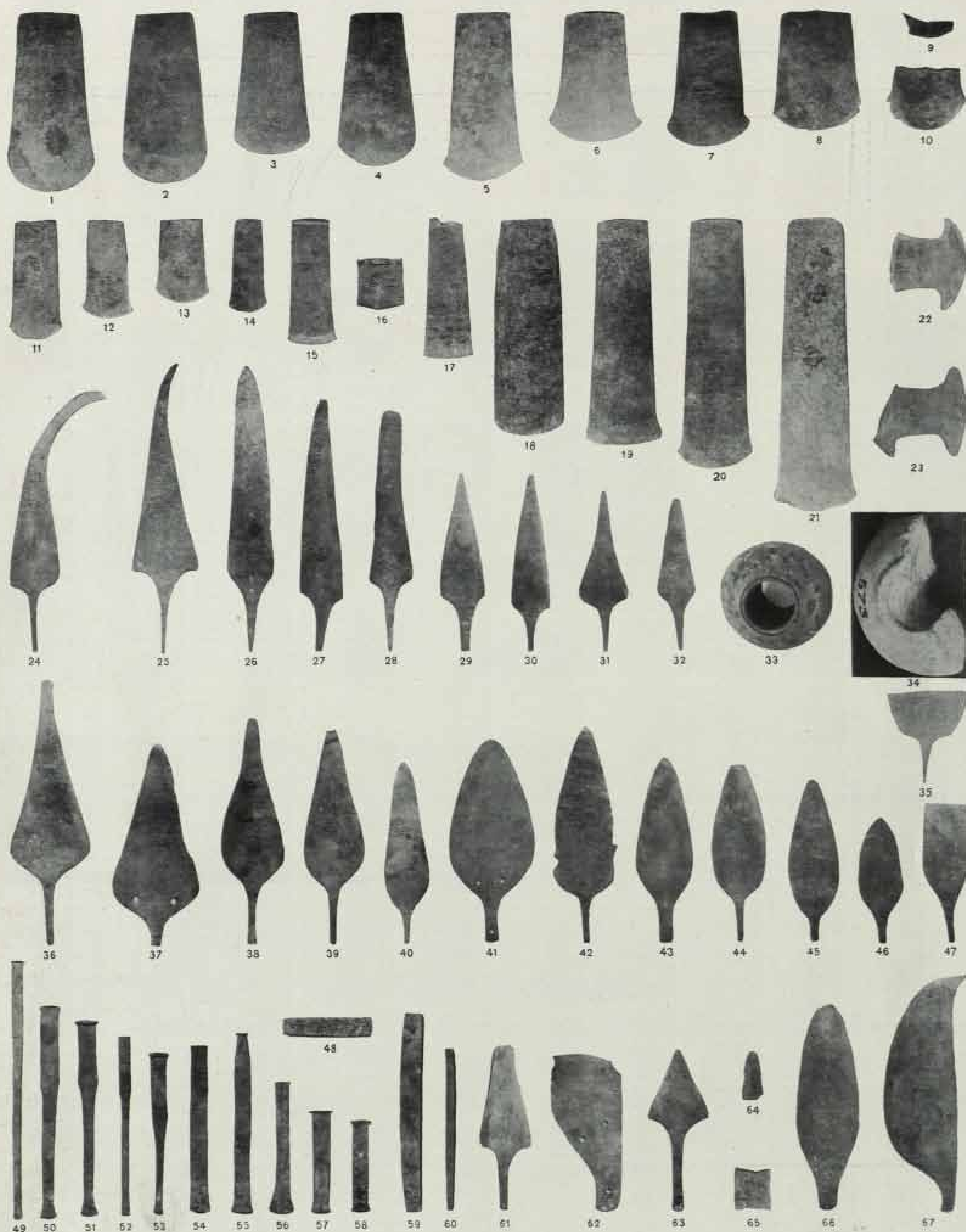
COPPER JAR No. 277 & ITS CONTENTS

SCALE 1:4



COPPER & BRONZE WEAPONS, IMPLEMENTS, & UTENSILS

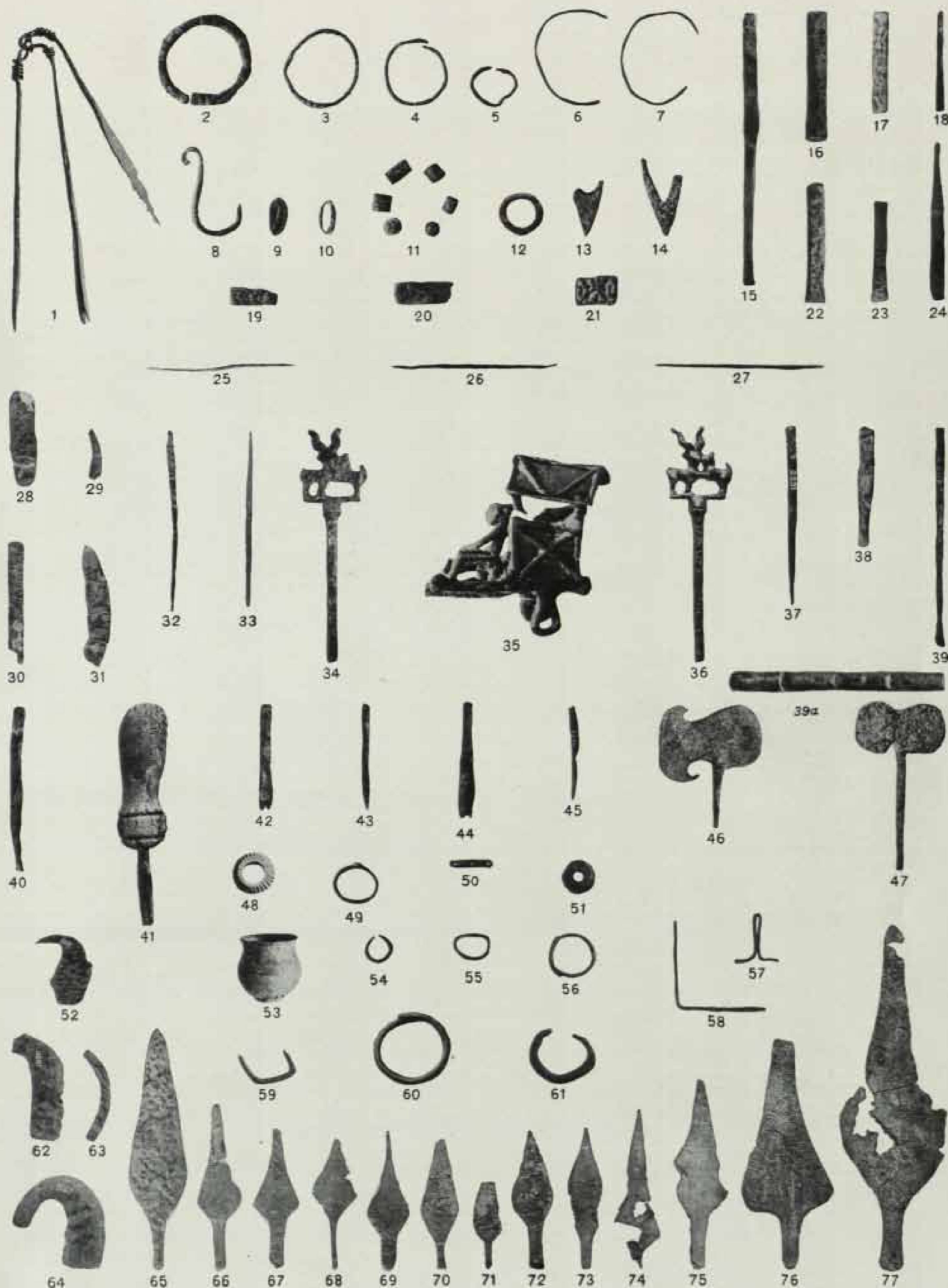




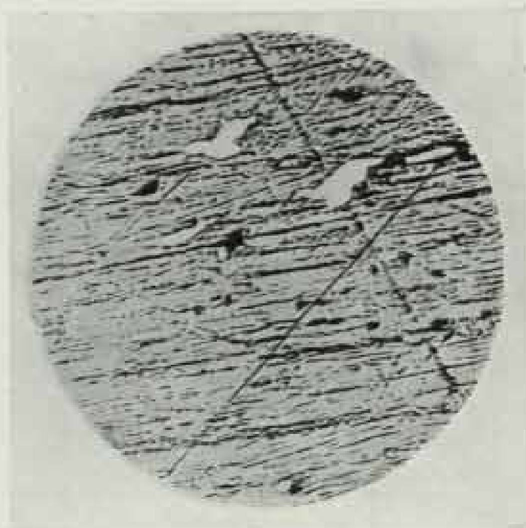
Contents of copper jar No. 277 and marble macehead No. 573.



COPPER AND BRONZE ORNAMENTS, UTENSILS, IMPLEMENTS, WEAPONS, ETC.



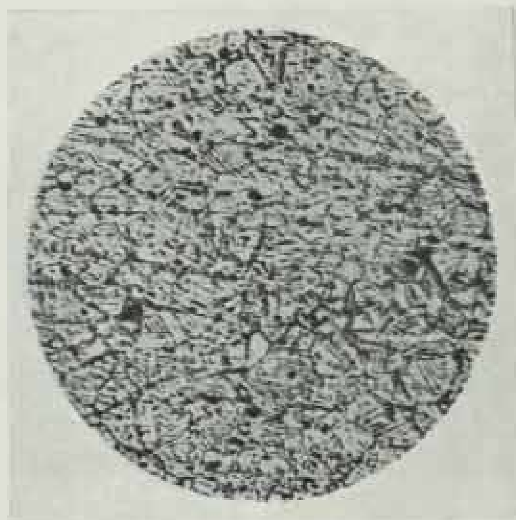
COPPER, BRONZE, SILVER AND GOLD OBJECTS.



No. 1
AFTER LIGHT ETCHING MAGFN. × 200



No. 3
MAGNIFICATION × 10.

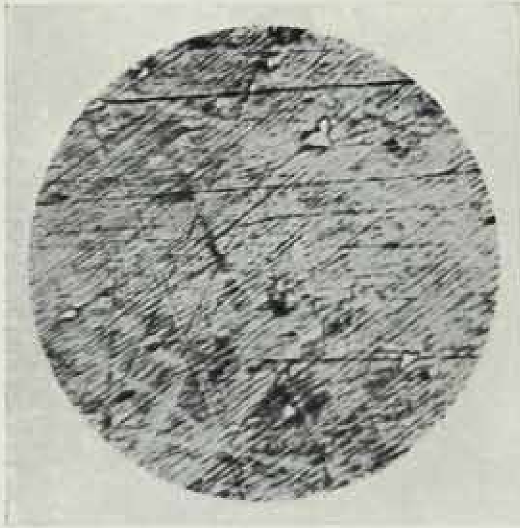


No. 5
MAGNIFICATION × 100.



No. 7
MAGNIFICATION × 500.

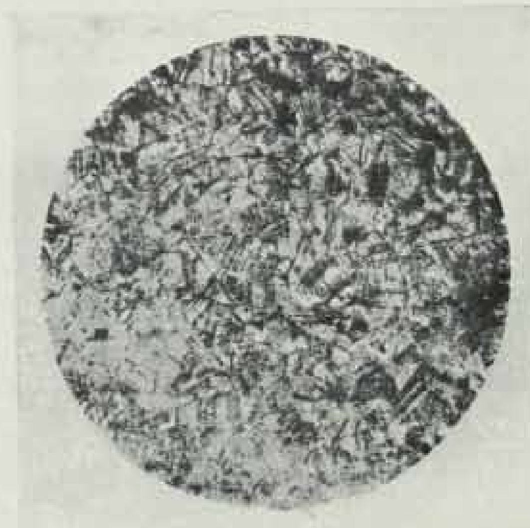
MICROPHOTOGRAPHS OF SPECIMEN '×' (CHISEL).



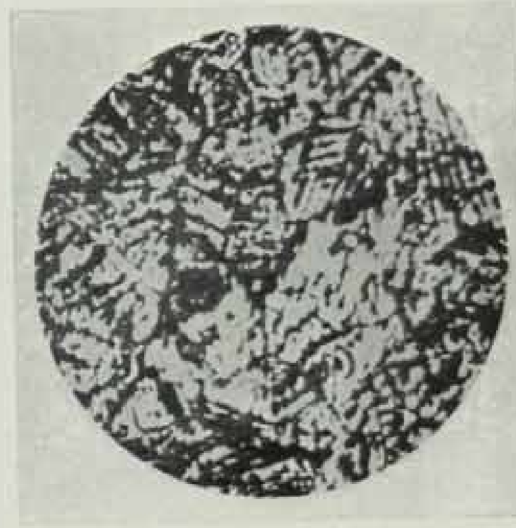
No. 2.
After light etching magfn. × 200.



No. 4.
Magnification × 10.



No. 6.
Magnification × 100.



No. 8.
Magnification × 500.

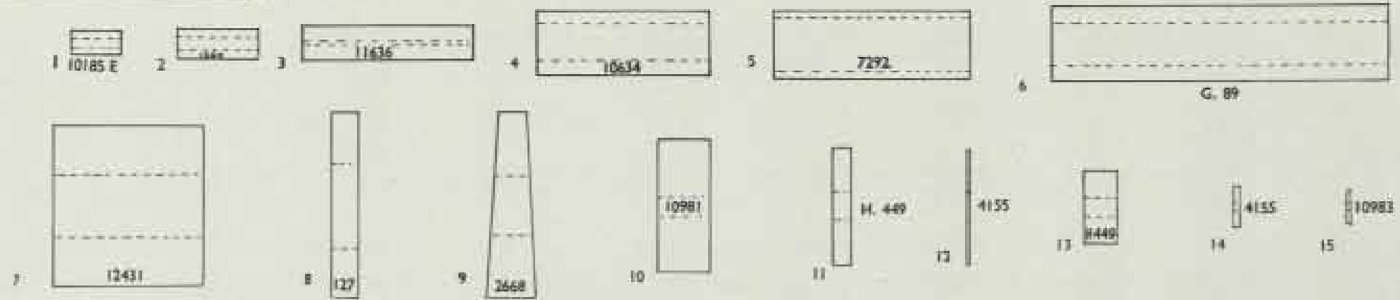
Microphotograph of specimen 277 a/21 (celt).



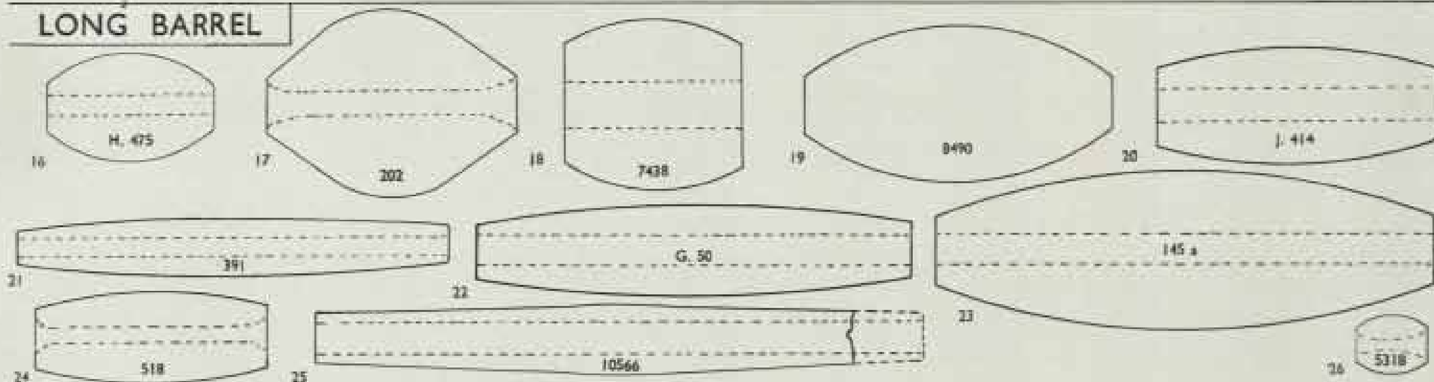
MISCELLANEOUS BEADS.

GROUP I CIRCULAR TRANSVERSE SECTION

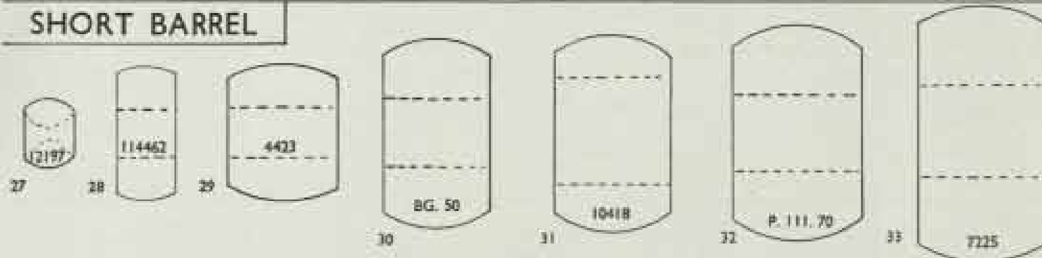
CYLINDER



LONG BARREL



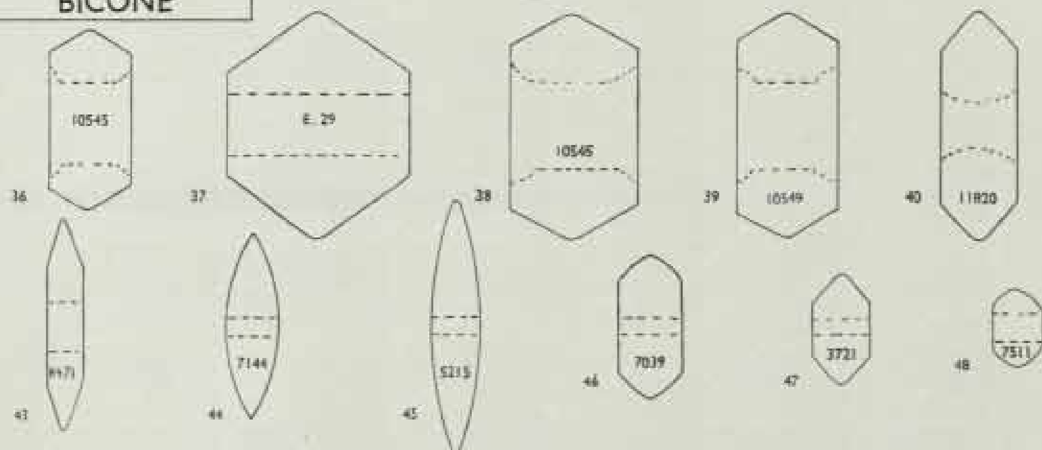
SHORT BARREL



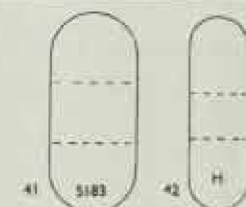
SPHERICAL



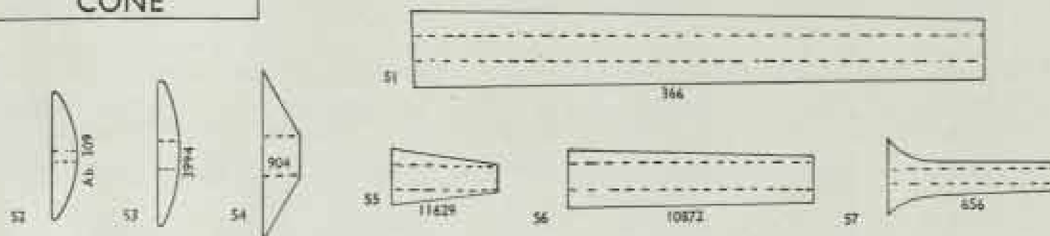
BICONE



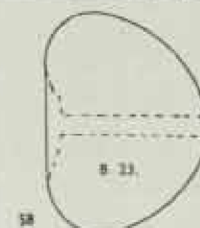
OBLATE



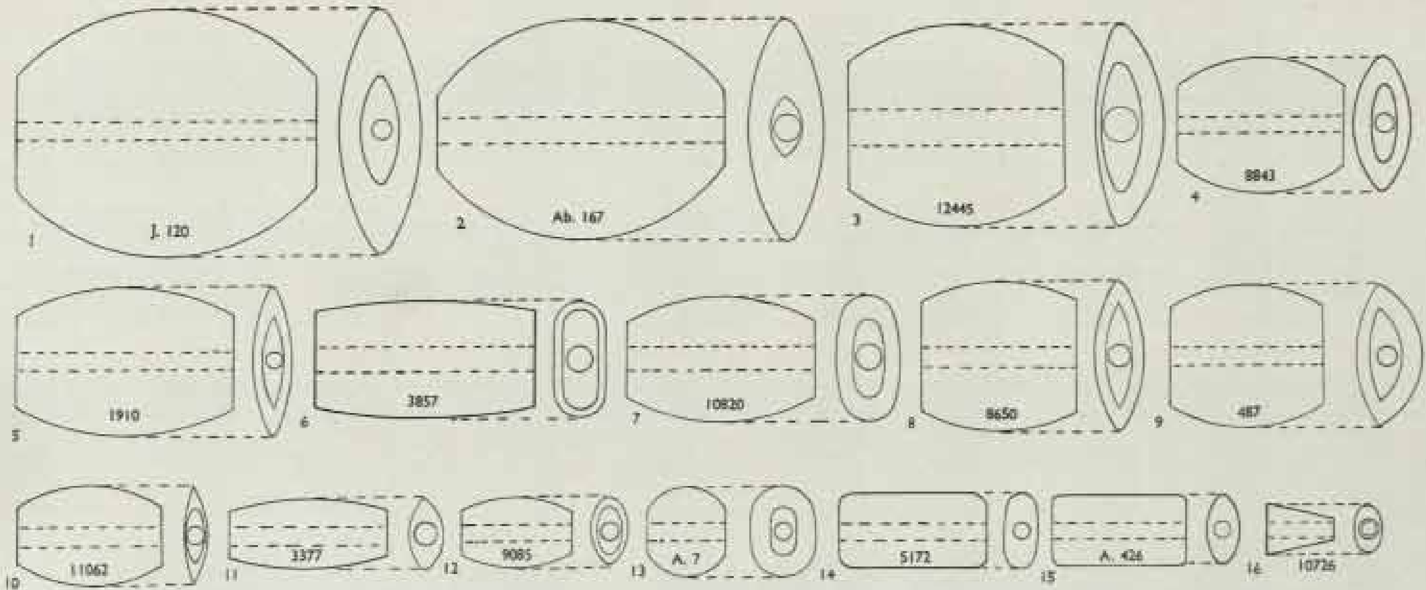
CONE



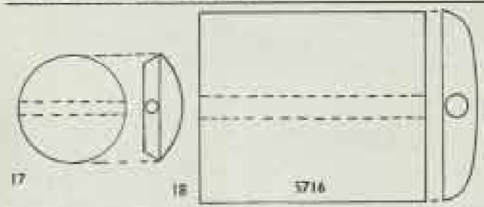
PEAR SHAPE



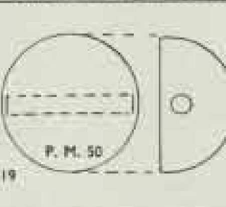
GROUPS II & IV ELLIPTICAL AND LENTICULAR



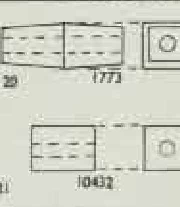
GROUP V PLANO CONVEX



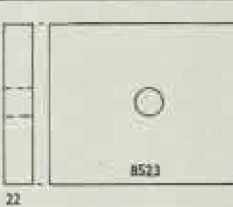
GROUP VI SEMICIRCULAR



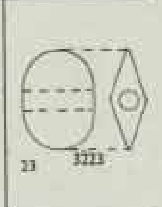
GROUP IX SQUARE



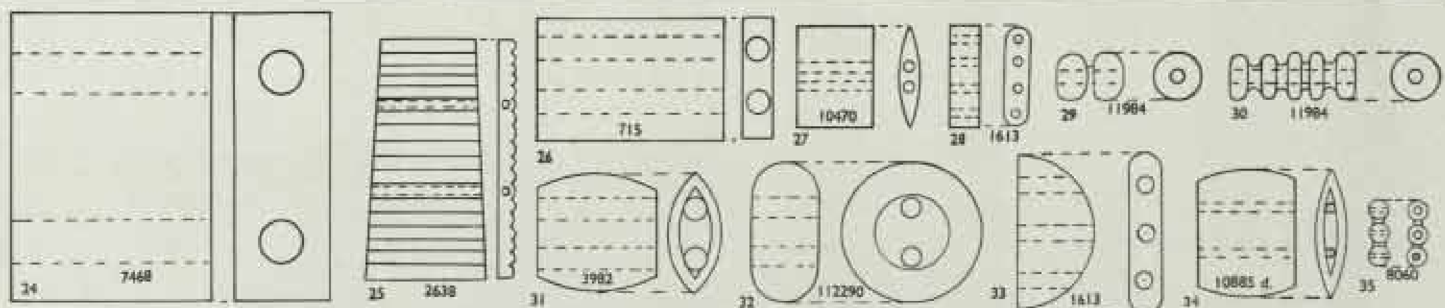
GROUP X RECTANGULAR



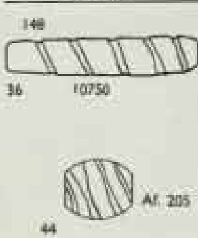
G. XI DIAMOND



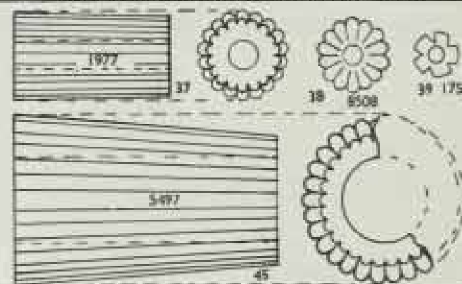
GROUP XVII MULTIPLE and SPACING



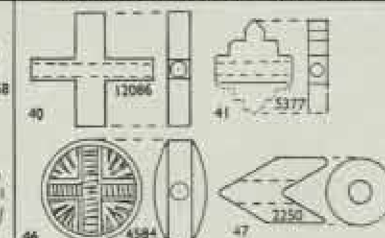
SPIRAL



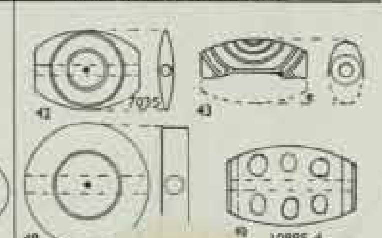
GROUP XXIII NOTCHED and GADROONED



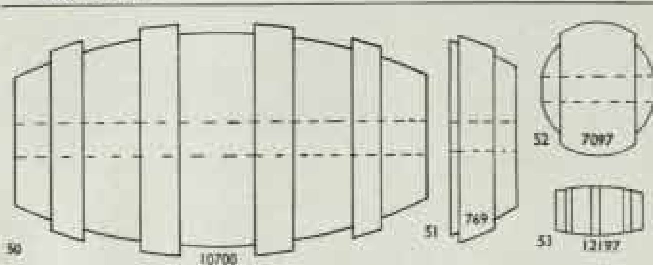
GROUP XXIX EMBLEMS CROSS STEPS



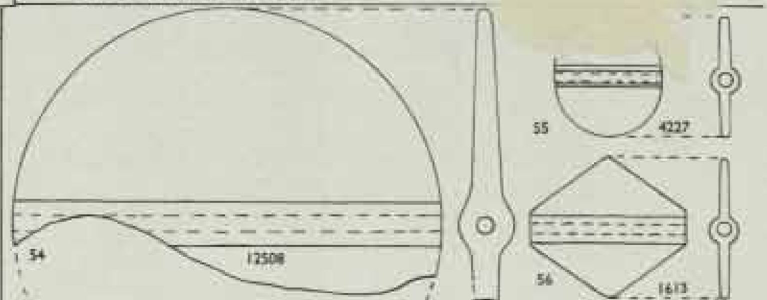
GROUP XLVI EYE BEADS



GROUP XLVII



GROUP XLVIII SUNDRY-16 R.



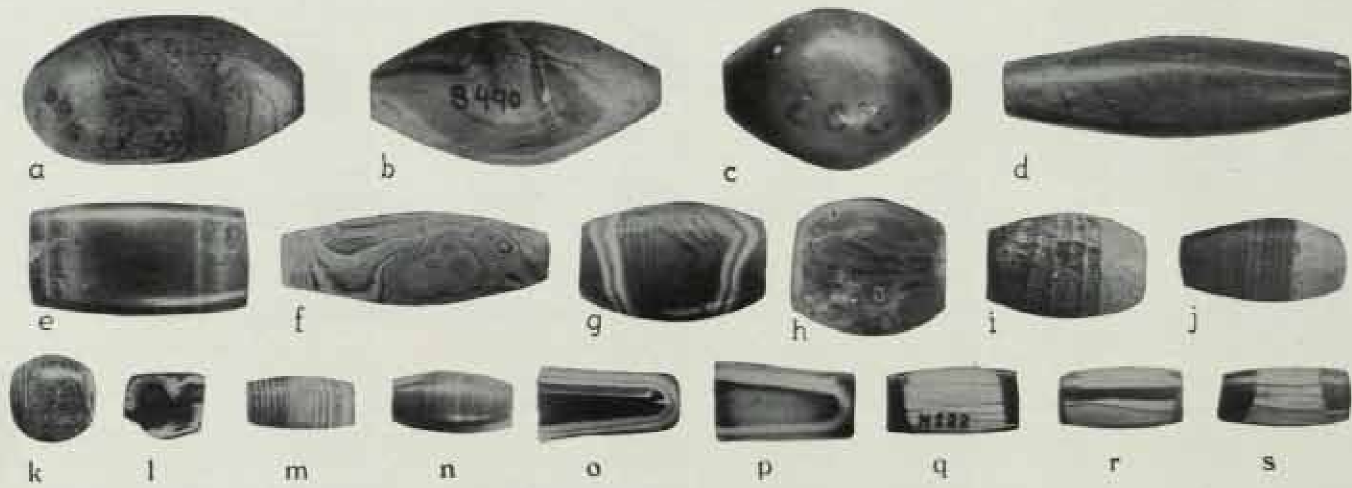


FIG. 1. BEADS OF AGATE.

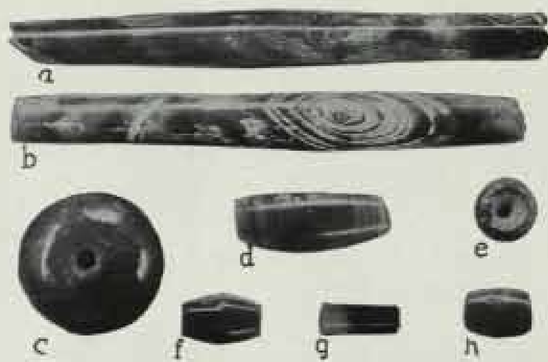


FIG. 2. BERDS OF CARNELIAN.

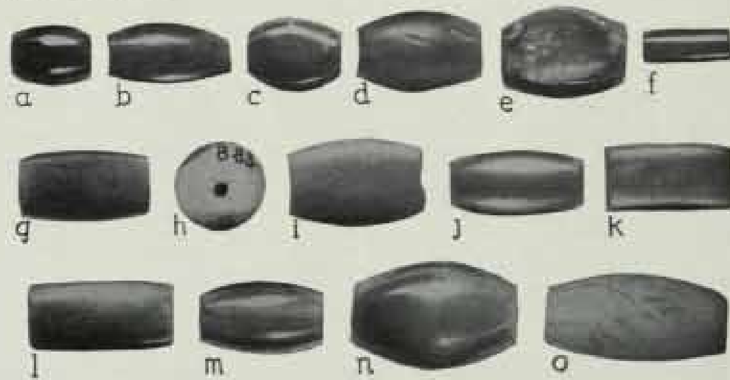


FIG. 3. BEADS OF VARIOUS SILICATE STONES *a—f*. JASPER, *g—k*. CHERT, *l—n*. CHALCEDONY, *o*. MILKY QUARTS.



FIG. 4. ETCHED CARNELIAN BEADS.



FIG. 5.

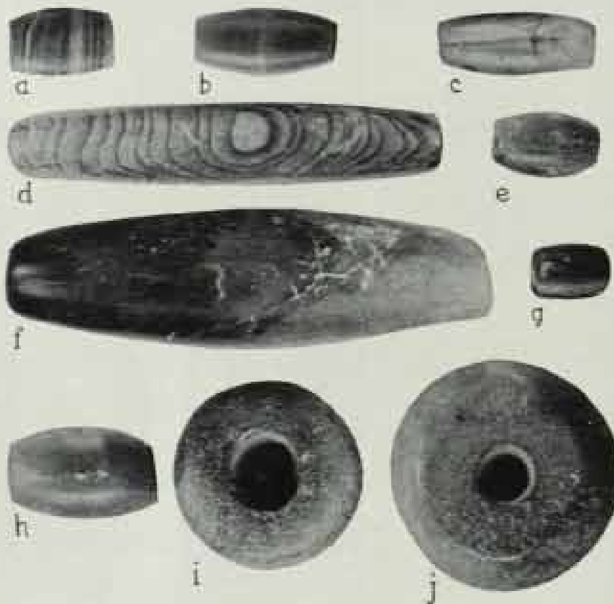


FIG. 6. BEADS OF LIMESTONE & STALAGMITE.

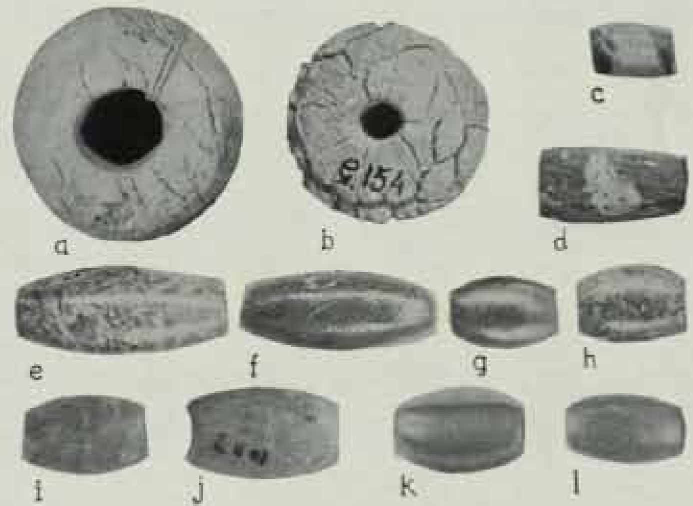


FIG. 7. BEADS OF SUNDRY STONES. *a* & *b*. MARBLE, *c*. CALCITE, *d*. HORNBLENDE, *e—g*. SERPENTINE, *h*. DIORITE, *i* & *j*. LAPIS, *k* & *l*. JADEITE.

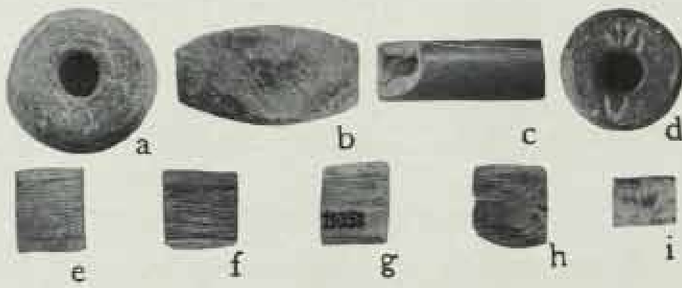


FIG. 1. BEADS OF NATURAL STEATITE.

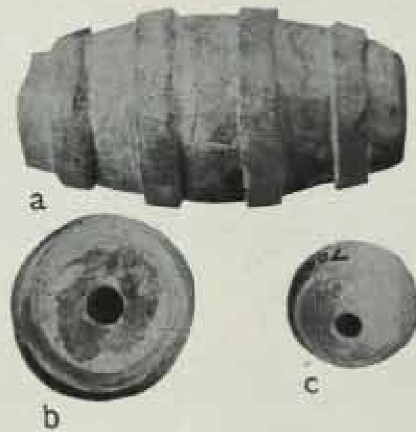


FIG. 2. ZONE BEADS OF BURNT STEATITE.

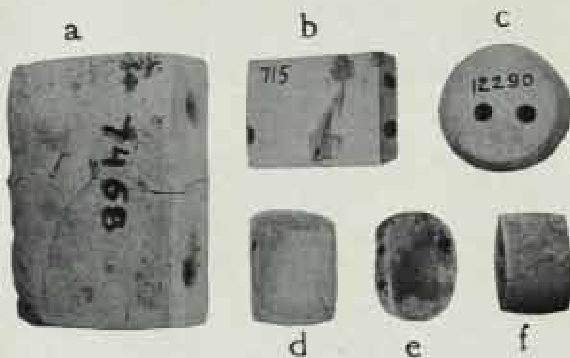


FIG. 1. SPACING BEADS OF BURNT STEATITE.



FIG. 4. CROSS, STEP & TOOTH BEADS OF BURNT STEATITE.

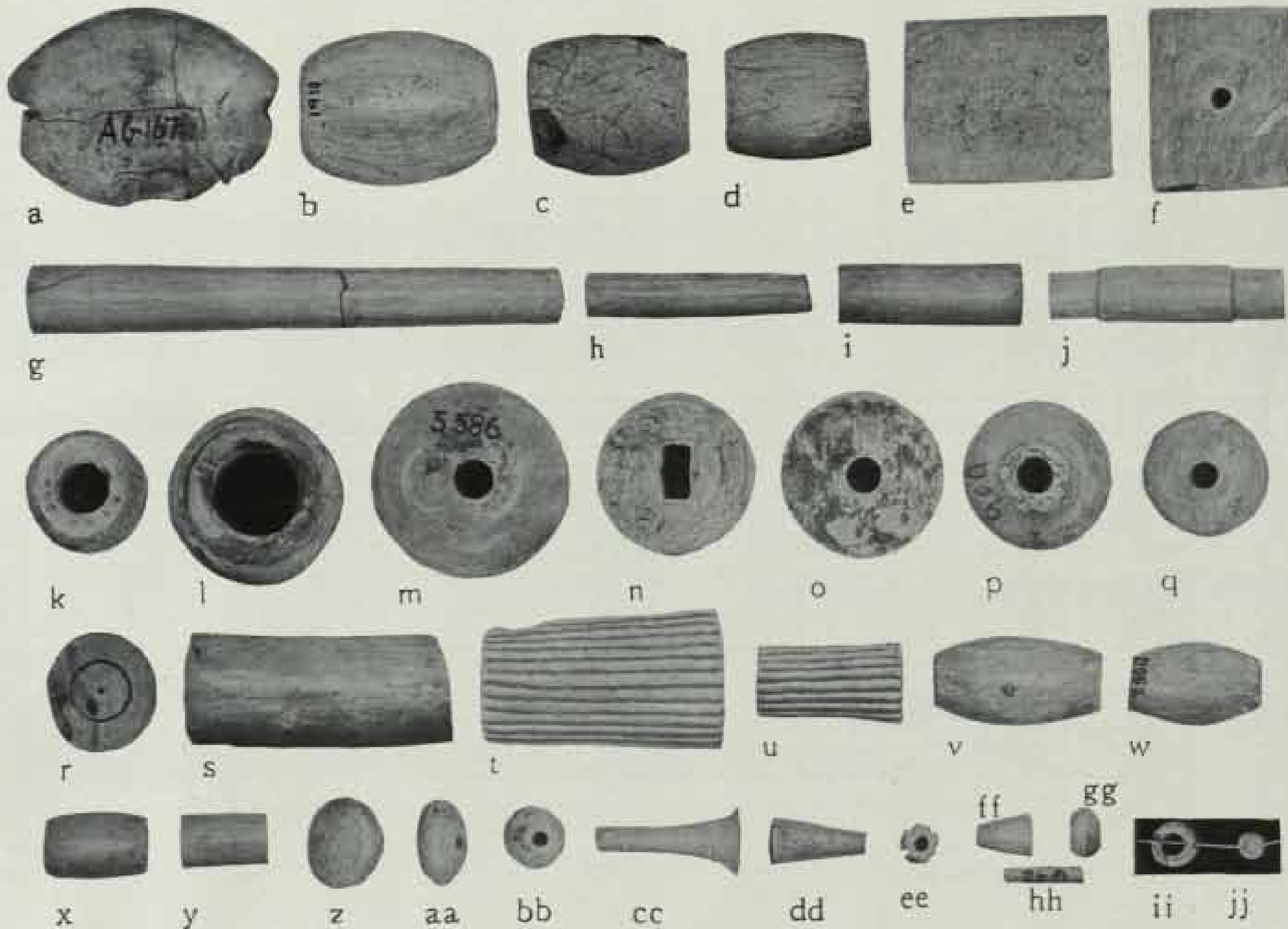


FIG. 5. BEADS OF BURNT STEATITE.

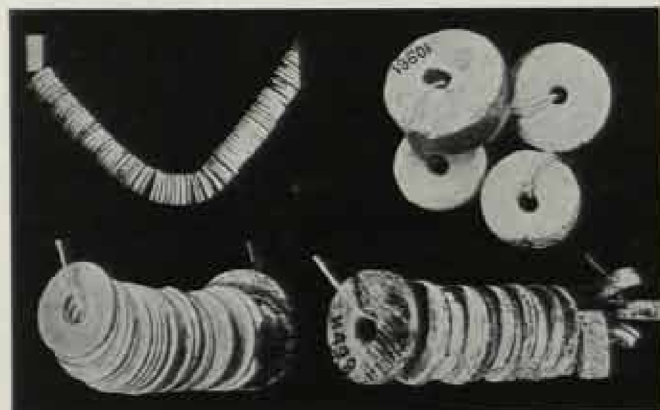


FIG. 1. DISC BEADS OF "BURNT" STEATITE.

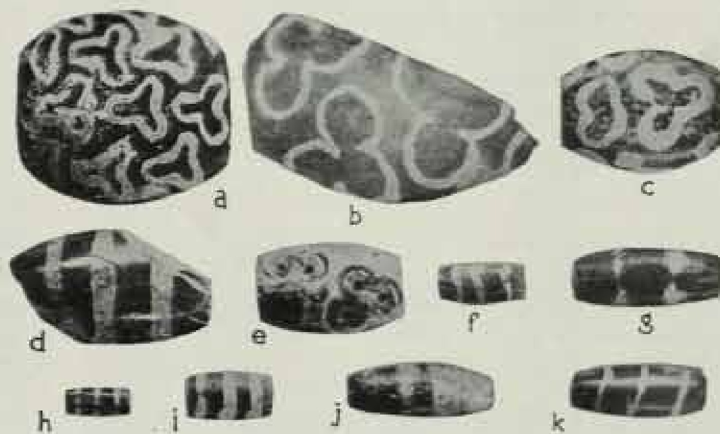


FIG. 2. PAINTED STEATITE BEADS.

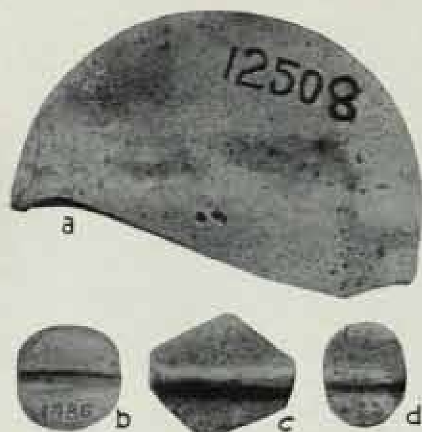


FIG. 3. FAIENCE SPACING BEADS WITH MIDDLE RIB.

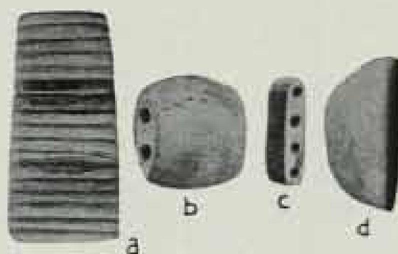


FIG. 4. FAIENCE SPACING BEADS.

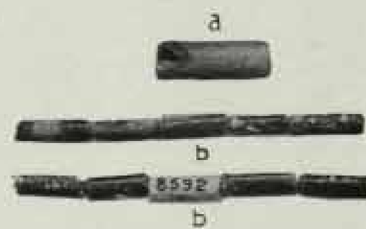


FIG. 5. BLACK FAIENCE BEADS.

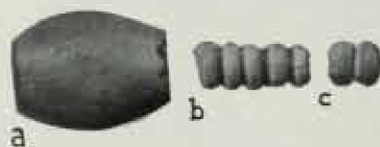


FIG. 6. WHITE FAIENCE BEADS.

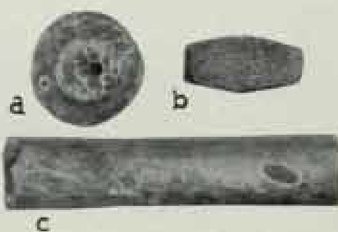


FIG. 7. YELLOW FAIENCE BEADS.

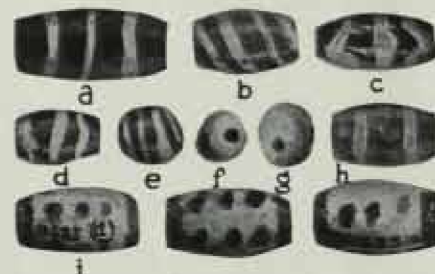


FIG. 8. VARIEGATED FAIENCE BEADS.

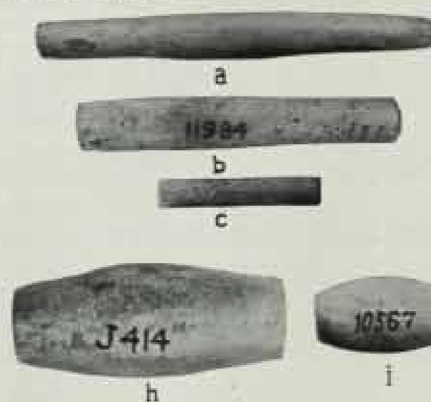


FIG. 9. FAIENCE BEADS—MOSTLY BLUE OR GREEN.

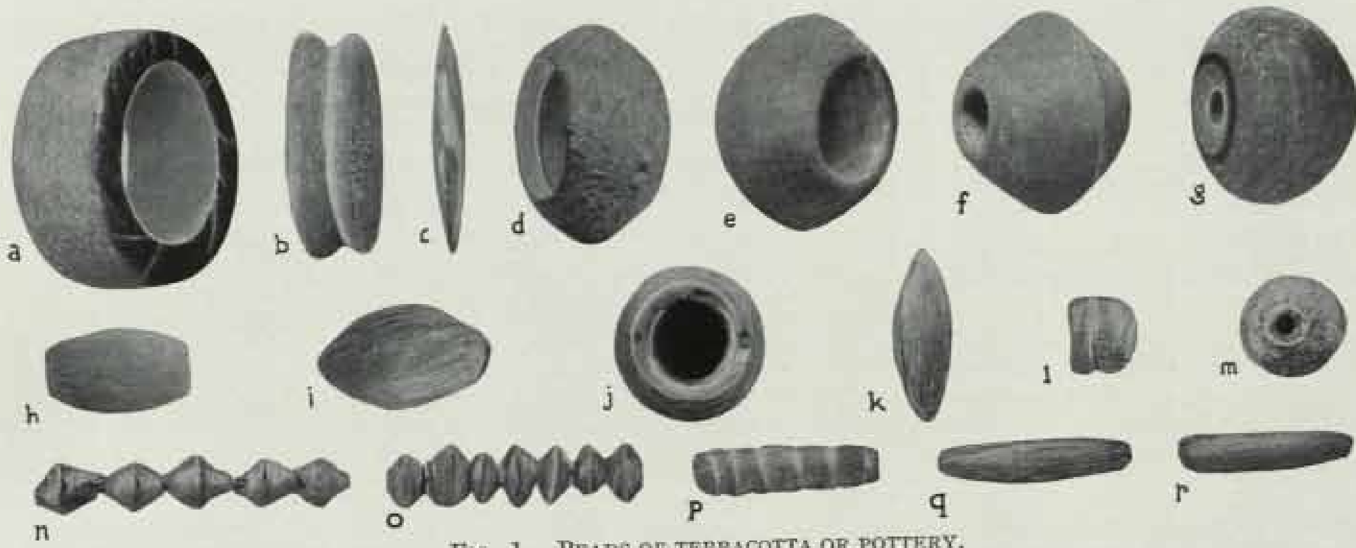


FIG. 1. BEADS OF TERRACOTTA OR POTTERY.

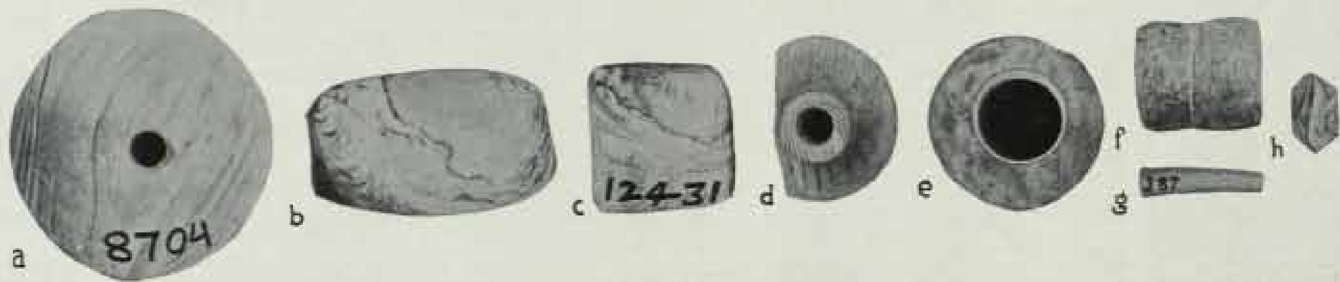


FIG. 2. BEADS OF SHELL.



FIG. 3. ZONE BEAD IVORY.



FIG. 4. SHELL INLAY FROM UR.



FIG. 5. COPPER BEADS



FIG. 6. SILVER BEADS.

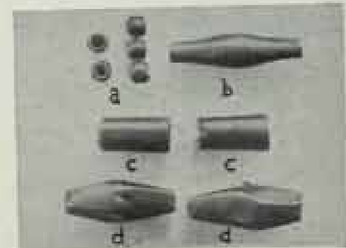


FIG. 7. GOLD BEADS.



FIG. 8. SMALL STEATITE BEADS ×4.
a, c HARAPPA
b UR.

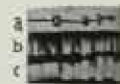


FIG. 9. × 1/1.

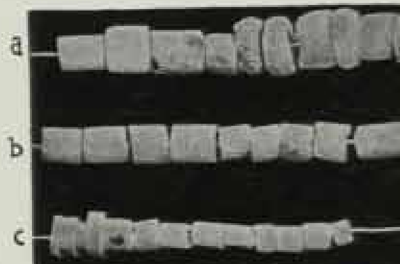


FIG. 10. SMALL STEATITE BEADS ×4
a, c HARAPPA
b UR.



FIG. 11. ×1/1.

MICROPHOTOGRAPHS OF "BURNT" AND PAINTED STEATITE.

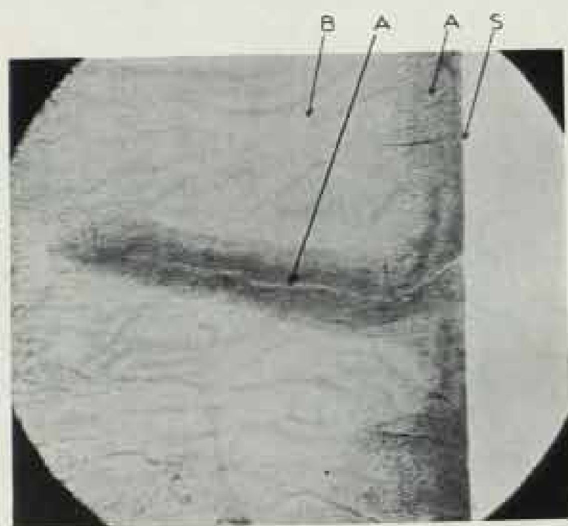


FIG. 1.
SECTION OF "BURNT" STEATITE SEAL FROM MOHENJO-DARO.

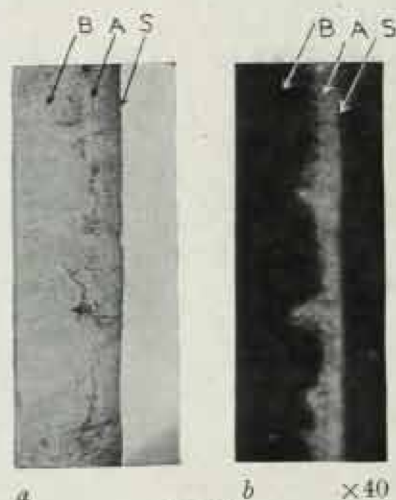


FIG. 2.
SECTION OF "BURNT" STEATITE SEAL FROM HARAPPA.

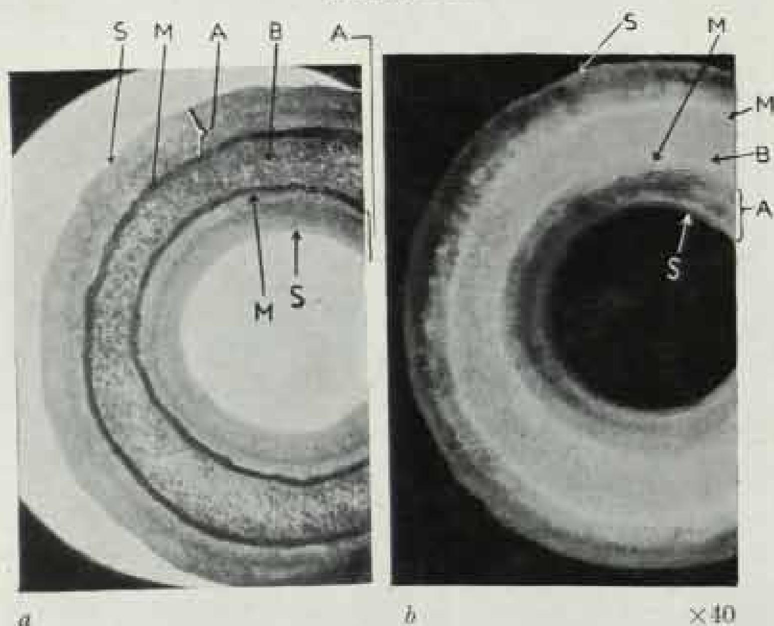


FIG. 3.
SECTION OF "BURNT" STEATITE BEAD FROM HARAPPA.

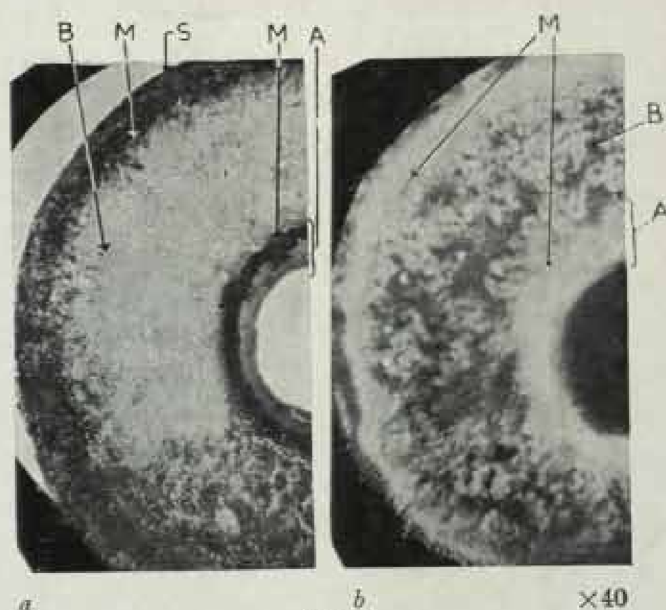


FIG. 4.
SECTION OF "BURNT" STEATITE BEAD FROM UR.

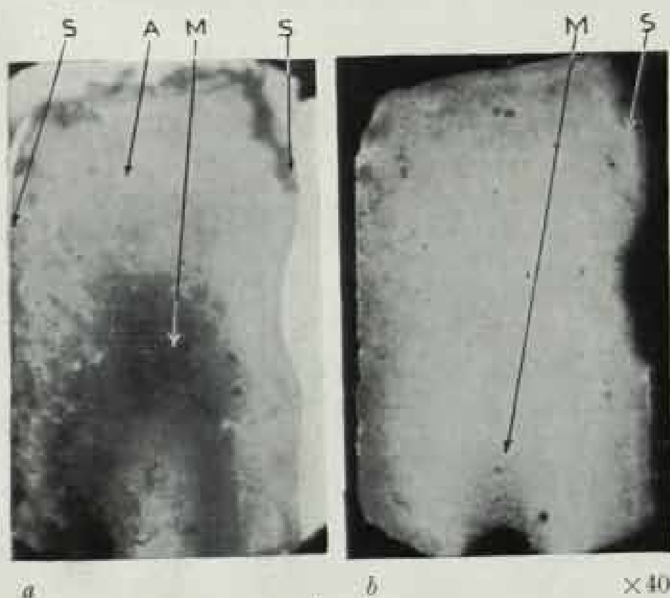


FIG. 5.
SECTION OF "BURNT" STEATITE DISC BEAD FROM HARAPPA.

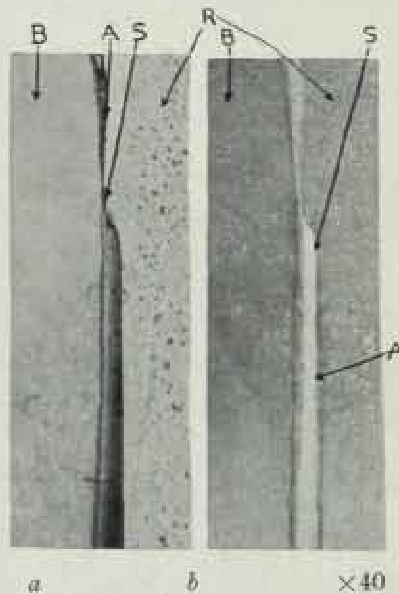


FIG. 6.
SECTION OF UNUSUAL TYPE OF "BURNT" STEATITE BEAD FROM HARAPPA.

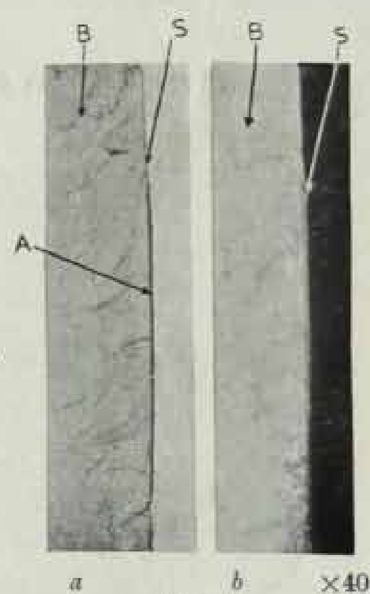
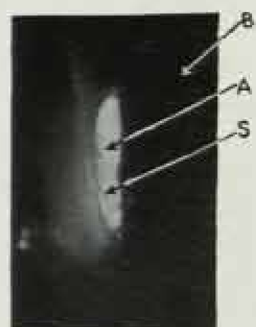


FIG. 7.
SECTION THROUGH PAINTED STEATITE BEAD FROM HARAPPA.

A = AFFECTED PORTION.
B = BASE.
M = AREA OF MAXIMUM EFFECT.
R = REINFORCING MATERIAL.
S = SURFACE OF SPECIMEN.

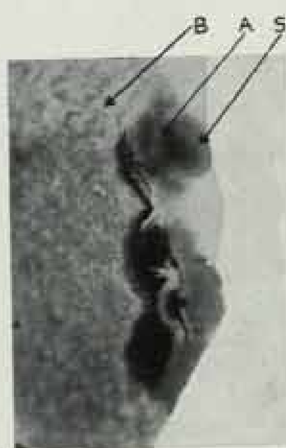
MICROPHOTOGRAPHS OF ETCHED CARNELIAN BEADS AND FAIENCE BEADS.



×40

FIG. 1

SECTION OF A WHITE LINE ON ETCHED CARNELIAN TYPE I. LIGHT REFLECTED FROM ABOVE.





a ×40 *b* ×40

FIG. 2

SECTION OF AN IRREGULAR WHITE LINE OF AN ETCHED CARNELIAN TYPE I.

a. ORDINARY TRANSMITTED LIGHT.
b. LIGHT REFLECTED FROM ABOVE.

A=AFFECTED AREA. S=SURFACE OF SPECIMEN.
B=BASE. BL=BLACK LINE.

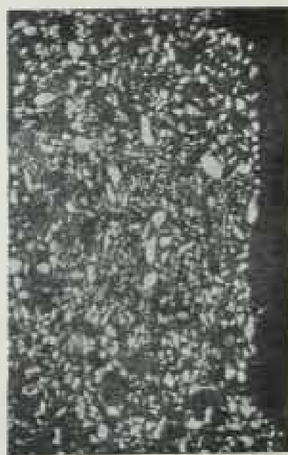


×40

FIG. 3

SECTION OF A BLACK LINE ON AN UNUSUAL FORM OF ETCHED CARNELIAN. TYPE II.





a ×40 *b* ×40

FIG. 4

SECTION OF FAIENCE ORDINARY TYPE.

a. ORDINARY TRANSMITTED LIGHT.
b. POLARIZED LIGHT.



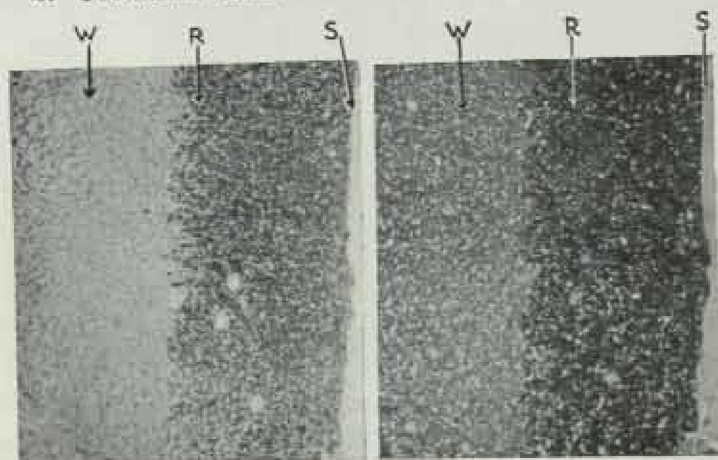


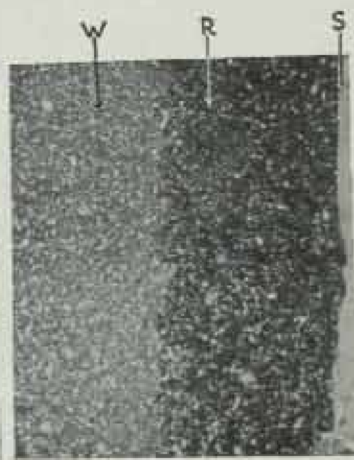
a ×40 *b* ×40

FIG. 5

SECTION OF VERY COARSE FAIENCE.

a. ORDINARY TRANSMITTED LIGHT.
b. POLARIZED LIGHT.





a ×40 *b* ×40

FIG. 6

SECTION OF VERY FINE VARIEGATED FAIENCE.

a. ORDINARY TRANSMITTED LIGHT.
b. POLARIZED LIGHT.



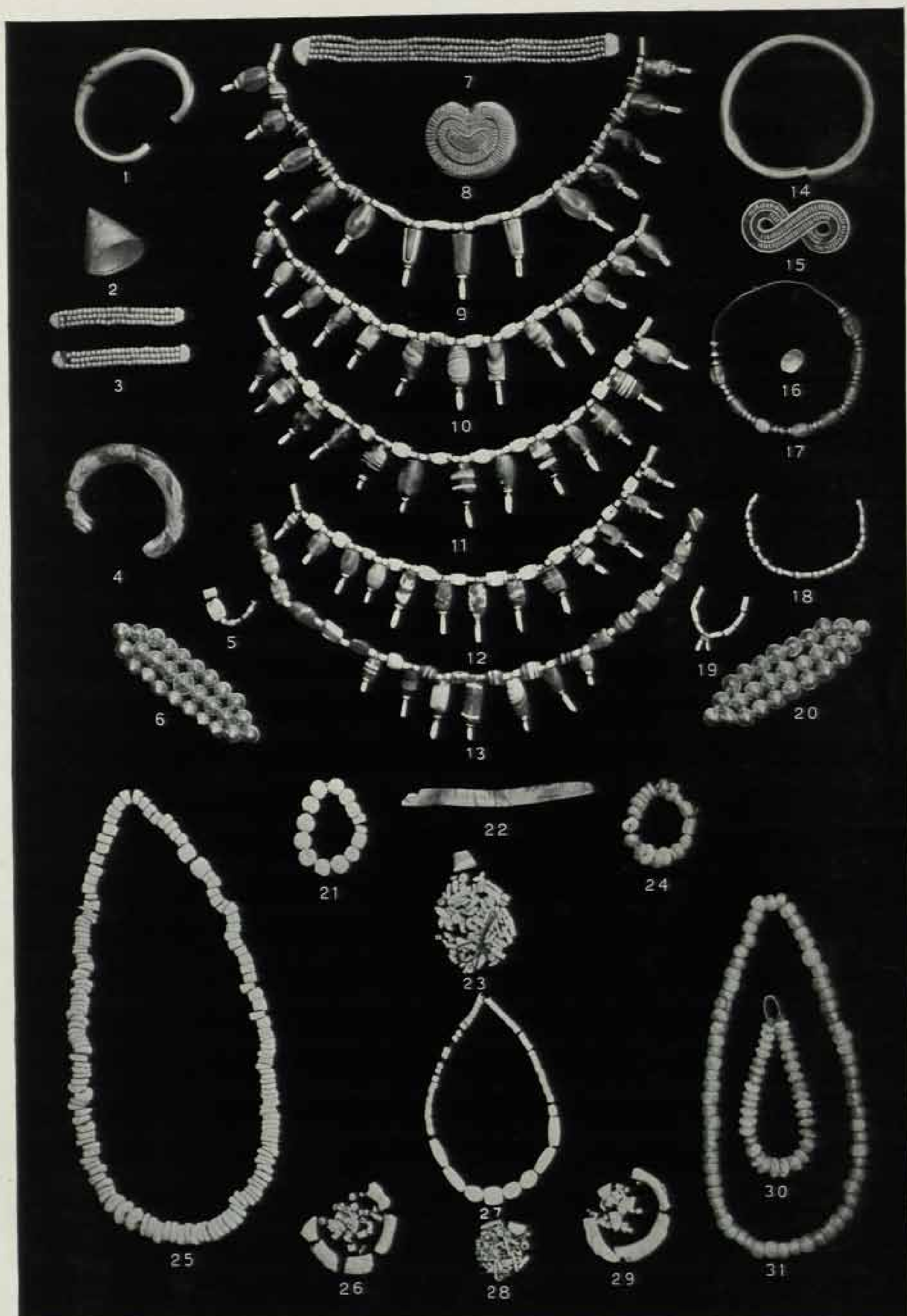


a ×40 *b* ×40

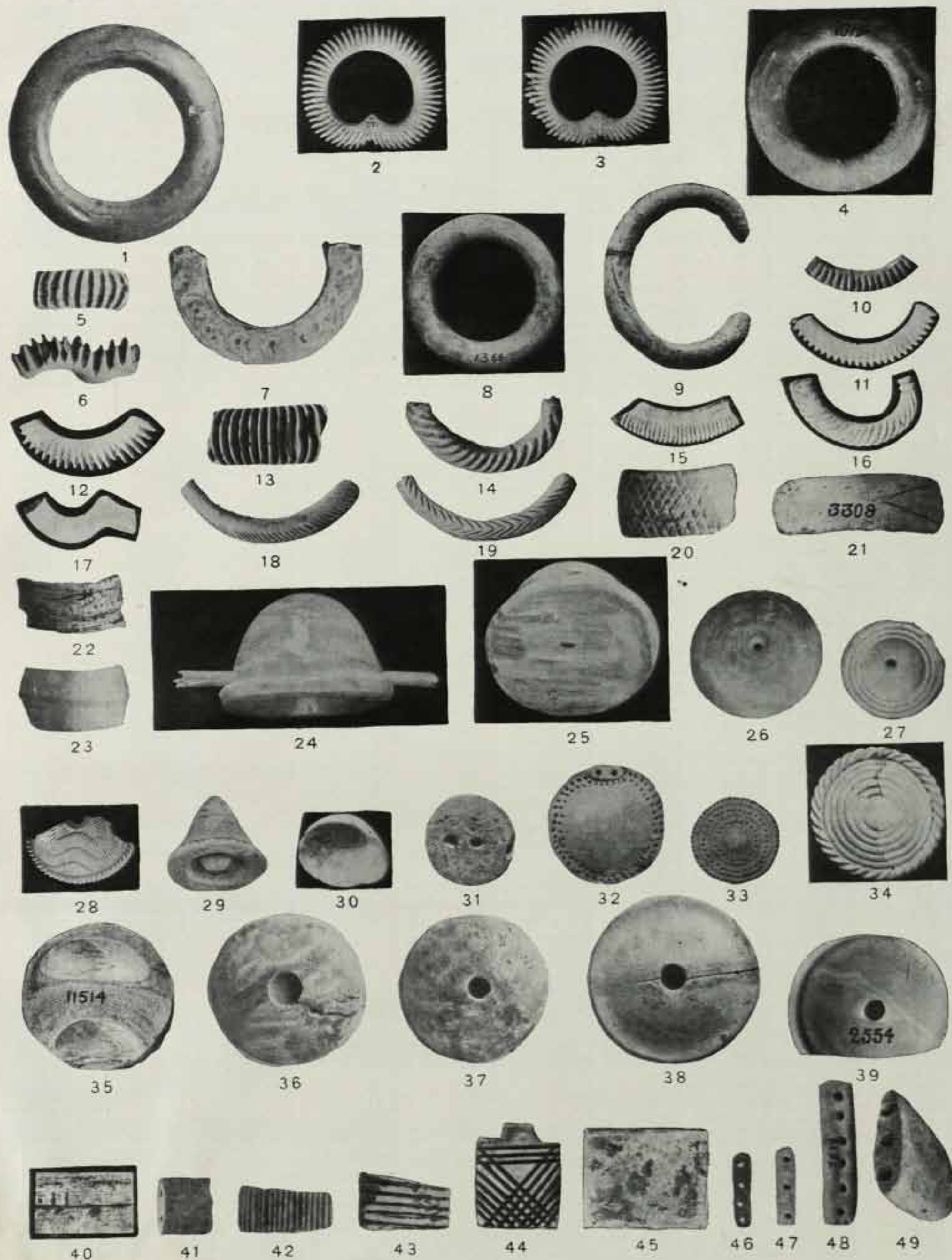
FIG. 7

SECTION OF VERY HARD FINE GRAINED FAIENCE SOMETIMES CALLED VITREOUS PASTE.

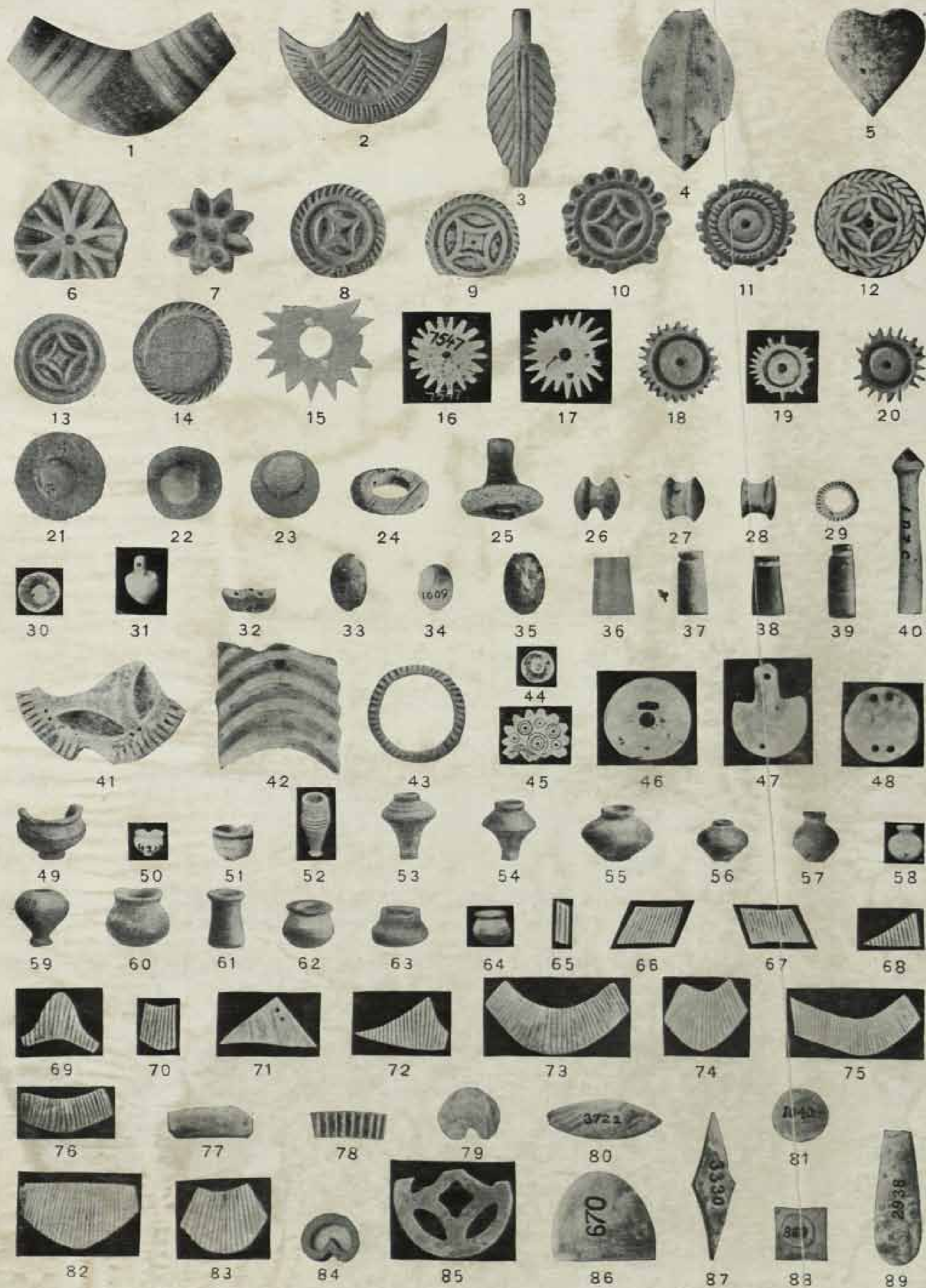
a. ORDINARY TRANSMITTED LIGHT.
b. POLARIZED LIGHT.



JWELLERY FROM HOUSE 2, TRENCH IV, MOUND F.



PERSONAL ORNAMENTS.



PERSONAL ORNAMENTS, UNGUENT VASES AND INLAY OBJECTS.